

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121782.D
 Acq On : 1 Oct 2020 22:51
 Operator : JU/CG
 Sample : L4179-09MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Quant Time: Oct 02 00:41:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	140545	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	500890	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	216638	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	351461	20.00	ng	0.00
76) Chrysene-d12	13.94	240	317141	20.00	ng	0.00
86) Perylene-d12	15.39	264	246199	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	347659	36.76	ng	0.00
7) Phenol-d6	6.42	99	426035	34.34	ng	0.00
23) Nitrobenzene-d5	7.34	82	272781	29.24	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	82886	30.78	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	466229	32.59	ng	0.00
79) Terphenyl-d14	12.88	244	394325	25.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	47493	10.931	ng	98
3) Pyridine	3.23	79	128674	10.713	ng	100
4) n-Nitrosodimethylamine	3.16	42	70512	12.656	ng	94
6) Aniline	6.43	93	156952	9.713	ng	# 76
8) 2-Chlorophenol	6.56	128	133799	13.896	ng	94
9) Benzaldehyde	6.32	77	40035	4.936	ng	99
10) Phenol	6.43	94	174750	13.226	ng	95
11) bis(2-Chloroethyl)ether	6.51	93	136912	13.749	ng	95
12) 1,3-Dichlorobenzene	6.72	146	146210	13.605	ng	97
13) 1,4-Dichlorobenzene	6.79	146	146318	13.559	ng	98
14) 1,2-Dichlorobenzene	6.95	146	139969	14.080	ng	99
15) Benzyl Alcohol	6.92	79	110093	13.055	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	209617	13.081	ng	90
17) 2-Methylphenol	7.04	107	105383	12.863	ng	96
18) Hexachloroethane	7.29	117	34323	8.883	ng	95
19) n-Nitroso-di-n-propylamine	7.19	70	98191	13.732	ng	97
20) 3+4-Methylphenols	7.19	107	138317	14.052	ng	# 65
22) Acetophenone	7.18	105	190144	14.962	ng	# 89
24) Nitrobenzene	7.36	77	137794	13.657	ng	97
25) Isophorone	7.59	82	247554	13.182	ng	98
26) 2-Nitrophenol	7.67	139	49658	12.456	ng	98
27) 2,4-Dimethylphenol	7.72	122	112204	13.385	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	159451	13.715	ng	99
29) 2,4-Dichlorophenol	7.93	162	100303	13.137	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	107487	13.367	ng	100
31) Naphthalene	8.08	128	360686	13.641	ng	99
32) Benzoic acid	7.82	122	42593	12.762	ng	95
33) 4-Chloroaniline	8.13	127	121035	10.560	ng	97
34) Hexachlorobutadiene	8.20	225	65068	13.786	ng	96
35) Caprolactam	8.48	113	31693	12.465	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	98460	11.971	ng	98
37) 2-Methylnaphthalene	8.77	142	230581	13.307	ng	99
38) 1-Methylnaphthalene	8.87	142	209430	12.986	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	100387	14.835	ng	98

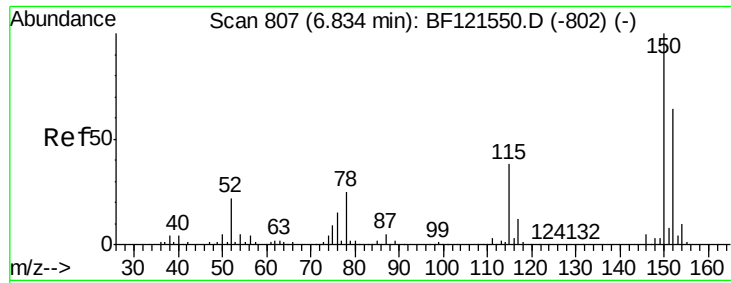
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121782.D
 Acq On : 1 Oct 2020 22:51
 Operator : JU/CG
 Sample : L4179-09MSD
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Quant Time: Oct 02 00:41:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.05	196	63125	13.686	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	64316	13.190	nq	99
46) 1,1'-Biphenyl	9.23	154	265029	15.281	nq	97
47) 2-Chloronaphthalene	9.26	162	195768	14.324	nq	100
48) 2-Nitroaniline	9.36	65	67259	15.837	nq	98
49) Acenaphthylene	9.67	152	290918	13.854	nq	100
50) Dimethylphthalate	9.53	163	289723	18.452	nq	100
51) 2,6-Dinitrotoluene	9.60	165	40640	12.153	nq	86
52) Acenaphthene	9.85	154	170905	12.886	nq	99
53) 3-Nitroaniline	9.76	138	53646	13.849	nq	98
54) 2,4-Dinitrophenol	9.89	184	844	9.436	nq	# 61
55) Dibenzofuran	10.02	168	251911	13.487	nq	99
56) 4-Nitrophenol	9.94	139	60096	19.453	nq	90
57) 2,4-Dinitrotoluene	10.00	165	47565	11.307	nq	91
58) Fluorene	10.36	166	197795	13.848	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	47970	12.101	nq	98
60) Diethylphthalate	10.23	149	219595	14.344	nq	98
61) 4-Chlorophenyl-phenylether	10.35	204	96806	14.148	nq	96
62) 4-Nitroaniline	10.37	138	53492	13.908	nq	99
63) Azobenzene	10.51	77	199128	12.215	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	1316	7.375	nq	# 40
66) n-Nitrosodiphenylamine	10.47	169	180169	14.942	nq	99
67) 4-Bromophenyl-phenylether	10.84	248	56809	14.197	nq	97
68) Hexachlorobenzene	10.91	284	60806	13.465	nq	95
69) Atrazine	10.99	200	37191	12.415	nq	98
70) Pentachlorophenol	11.11	266	46524	18.759	nq	97
71) Phenanthrene	11.32	178	269774	14.088	nq	98
72) Anthracene	11.37	178	269484	13.637	nq	98
73) Carbazole	11.53	167	238401	13.369	nq	98
74) Di-n-butylphthalate	11.86	149	320409	15.568	nq	99
75) Fluoranthene	12.51	202	291133	14.242	nq	98
77) Benzidine	12.63	184	137696	13.097	nq	100
78) Pyrene	12.74	202	300420	12.965	nq	98
80) Butylbenzylphthalate	13.36	149	123555	13.185	nq	94
81) Benzo(a)anthracene	13.93	228	284662	14.188	nq	99
82) 3,3'-Dichlorobenzidine	13.89	252	97823	12.489	nq	97
83) Chrysene	13.96	228	279932	13.778	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	183333	14.644	nq	99
85) Di-n-octyl phthalate	14.53	149	314066	14.215	nq	# 88
87) Indeno(1,2,3-cd)pyrene	16.82	276	199552	12.446	nq	98
88) Benzo(b)fluoranthene	14.97	252	239743	14.566	nq	# 94
89) Benzo(k)fluoranthene	15.00	252	235573	15.630	nq	# 89
90) Benzo(a)pyrene	15.33	252	197686	14.130	nq	# 94
91) Dibenzo(a,h)anthracene	16.83	278	170446	12.771	nq	98
92) Benzo(g,h,i)perylene	17.24	276	162022	12.350	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

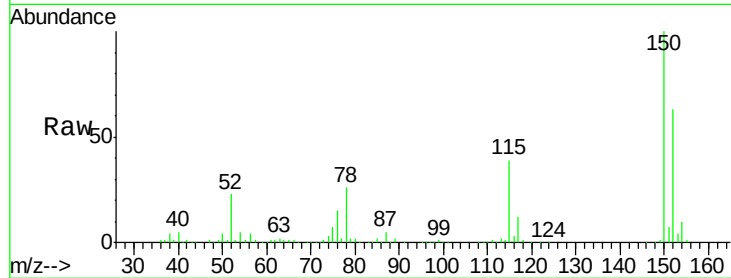


#1

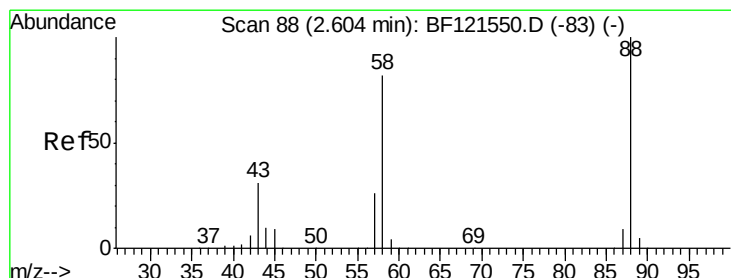
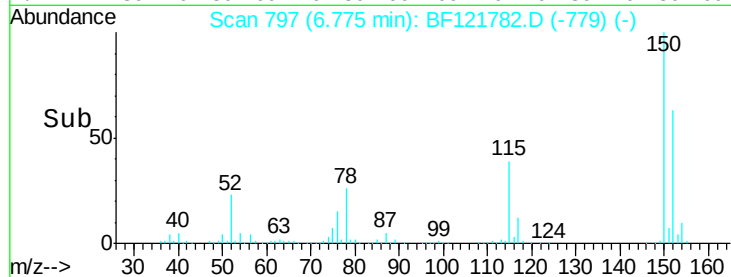
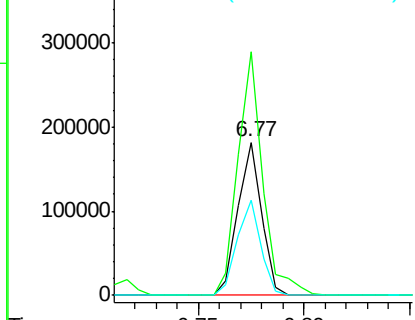
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.3	187.9
115	62.4	51.9	77.9



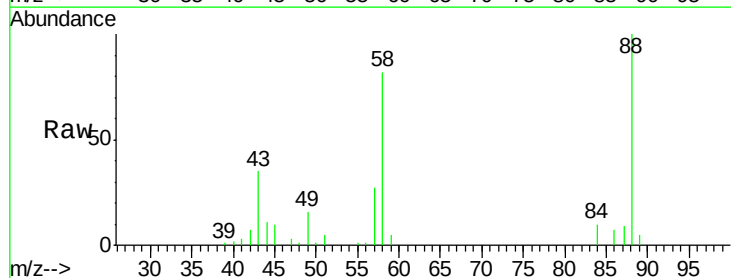
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



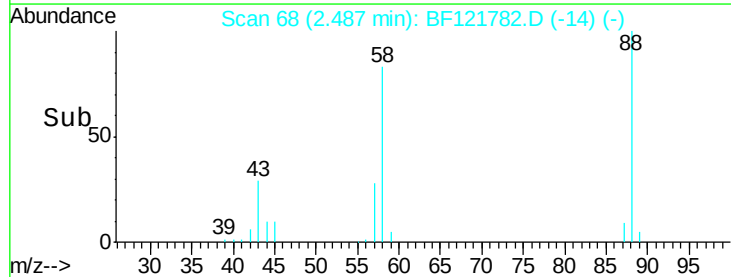
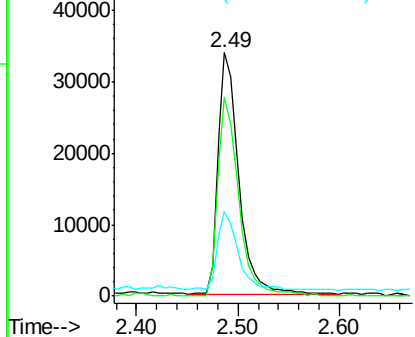
#2

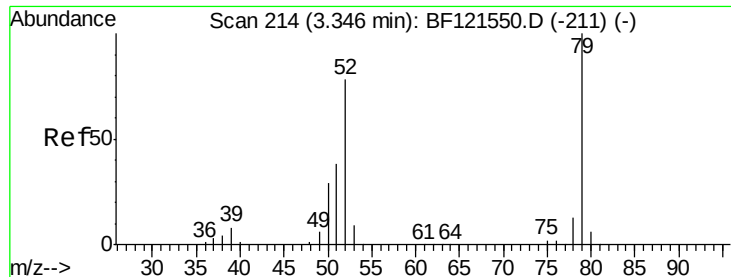
1,4-Dioxane
 Concen: 10.931 ng
 RT: 2.49 min Scan# 68
 Delta R.T. 0.02 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	65.8	98.8
43	32.2	25.8	38.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 10.713 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.04 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

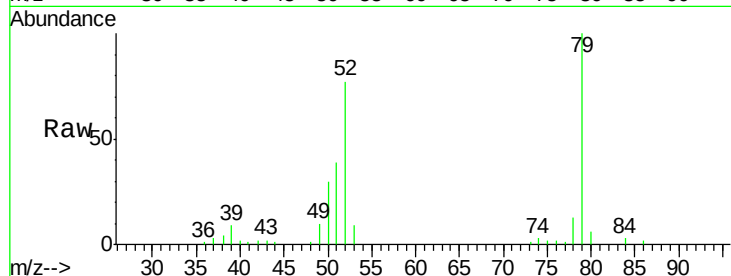
Tot Ion: 79 Resp: 128674

Ion Ratio Lower Upper

79 100

52 77.5 62.2 93.4

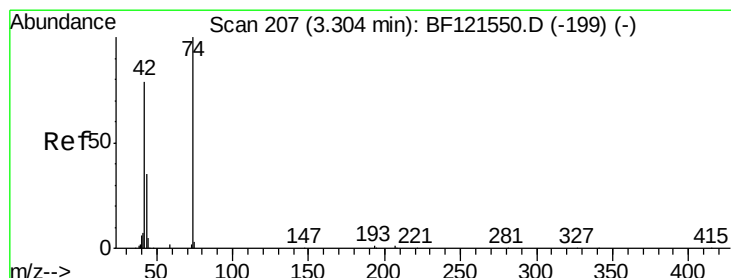
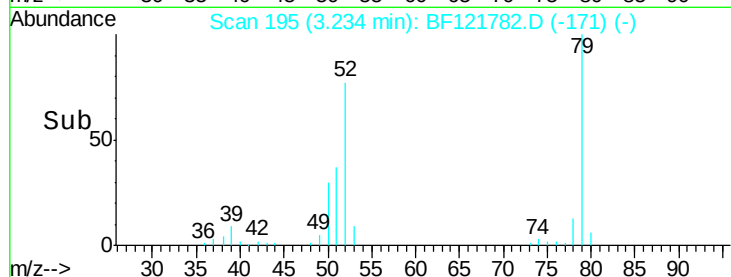
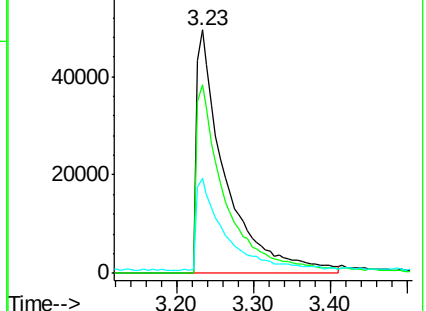
51 38.8 31.1 46.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 12.656 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

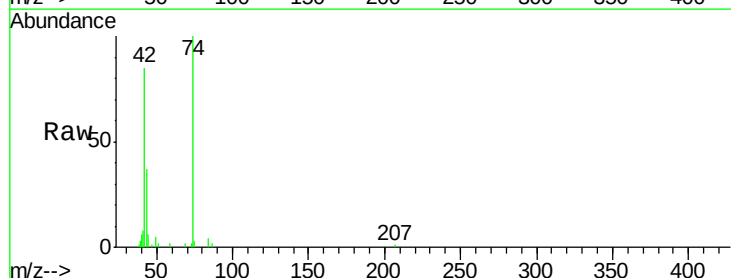
Tgt Ion: 42 Resp: 70512

Ion Ratio Lower Upper

42 100

74 118.3 100.2 150.2

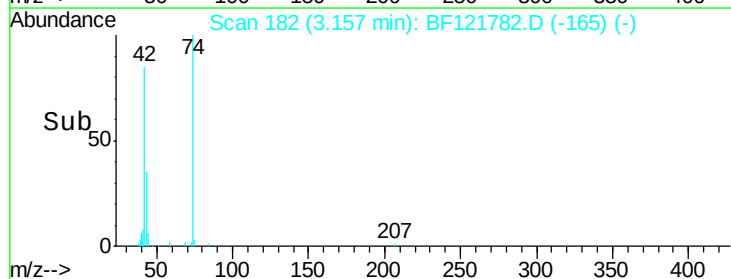
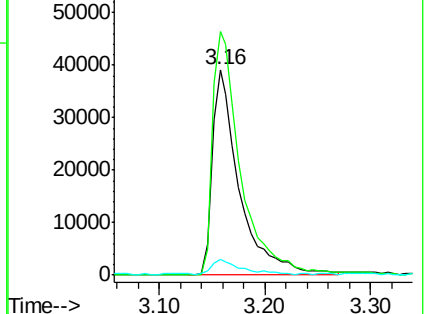
44 7.7 5.8 8.6

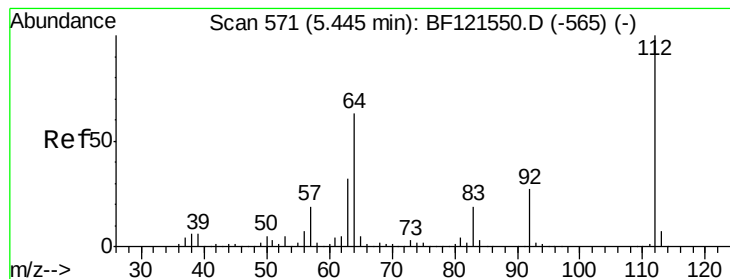


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 36.762 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

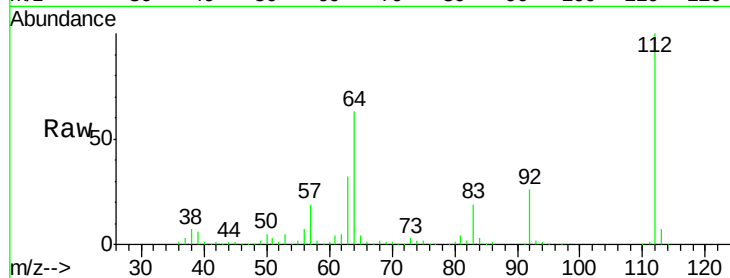
Tot Ion: 112 Resp: 347659

Ion Ratio Lower Upper

112 100

64 63.0 50.4 75.6

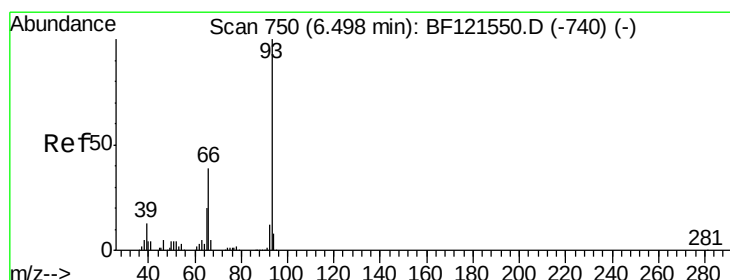
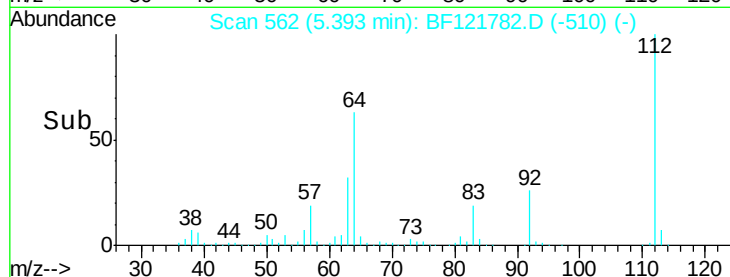
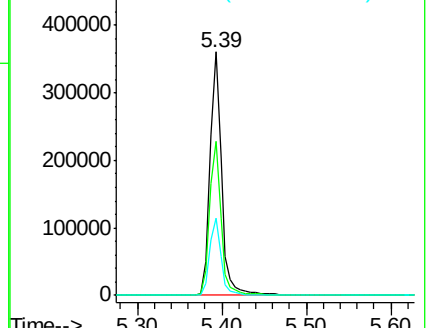
63 31.8 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.713 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

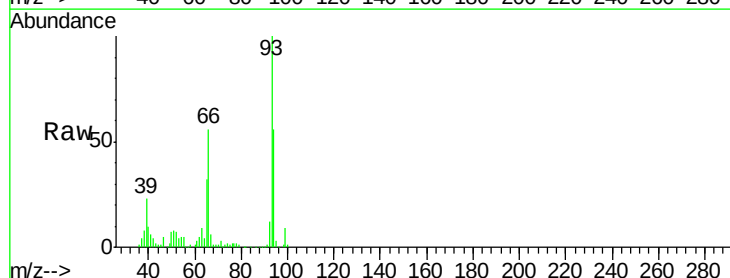
Tgt Ion: 93 Resp: 156952

Ion Ratio Lower Upper

93 100

66 55.6 32.7 49.1#

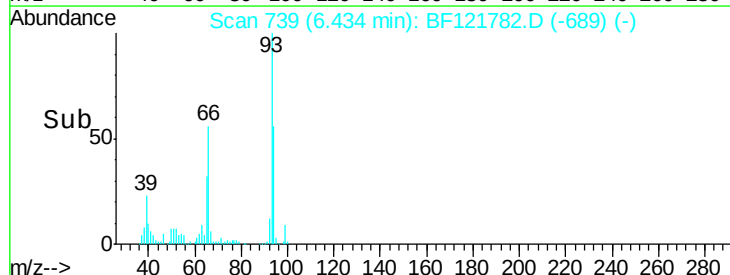
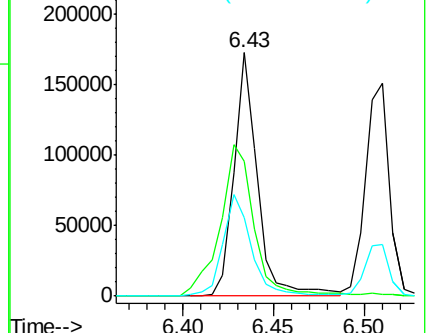
65 32.4 16.6 24.8#

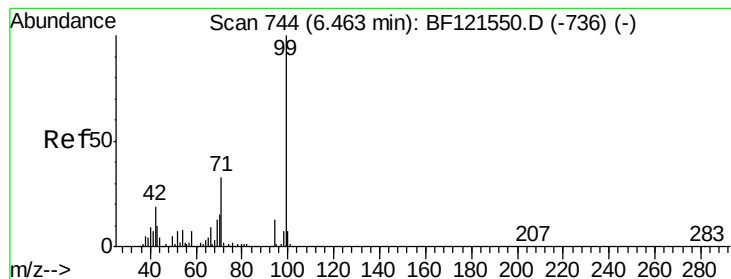


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 34.338 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

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ClientSampleId :

B-11(1-2)MSD

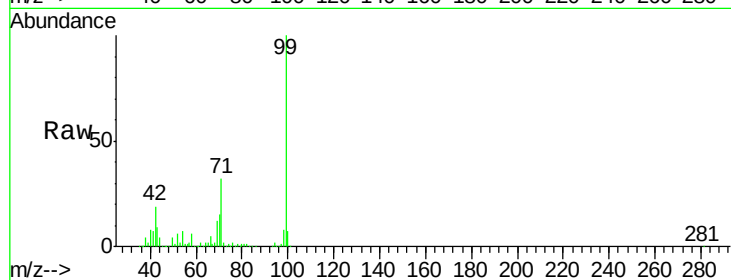
Tot Ion: 99 Resp: 426035

Ion Ratio Lower Upper

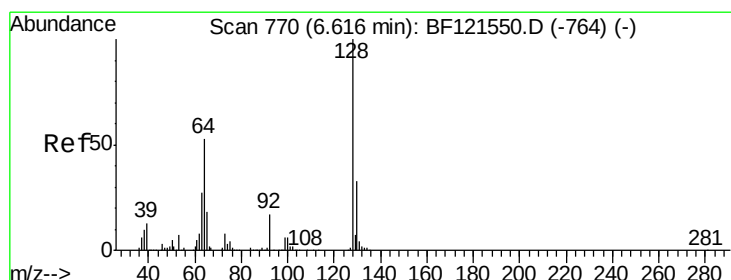
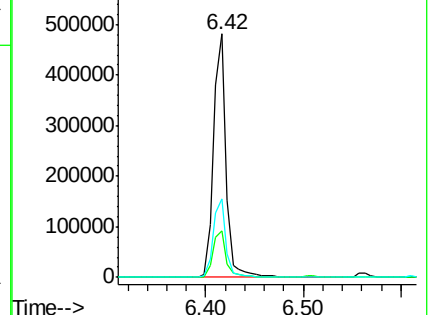
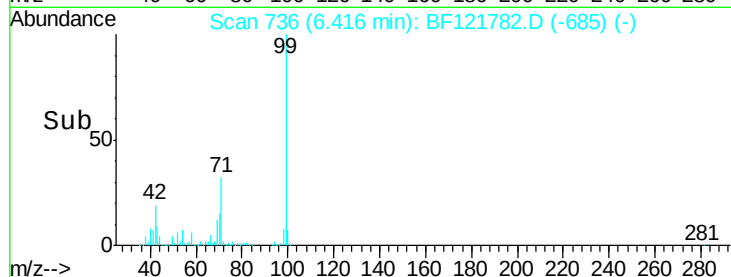
99 100

42 19.0 15.9 23.9

71 32.1 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 13.896 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

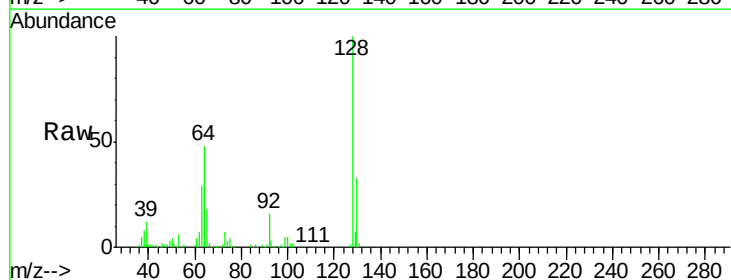
Tgt Ion: 128 Resp: 133799

Ion Ratio Lower Upper

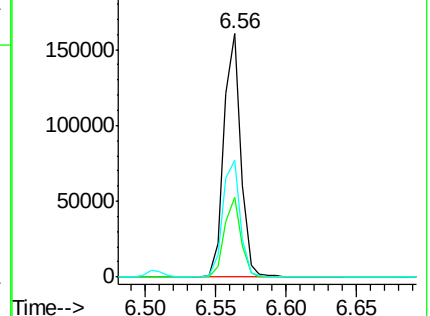
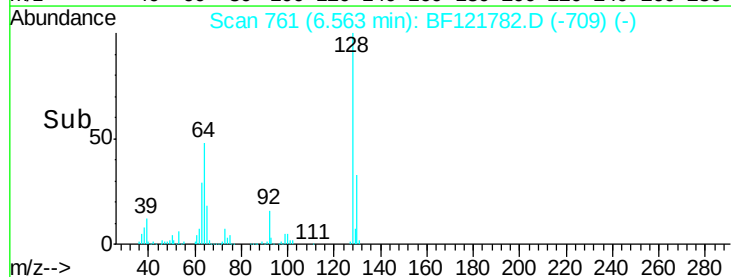
128 100

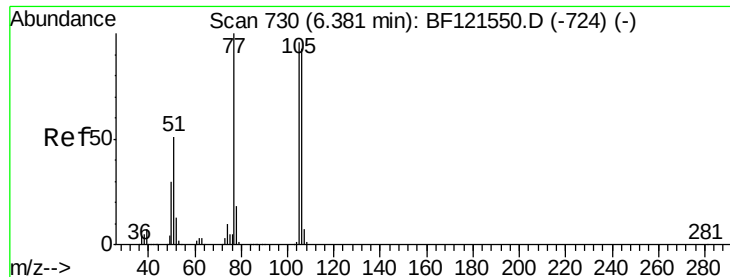
130 32.6 12.4 52.4

64 48.0 34.8 74.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.936 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

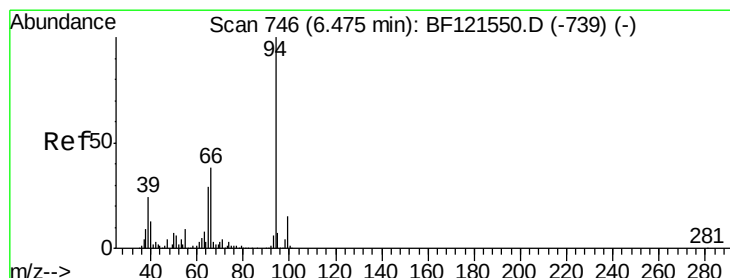
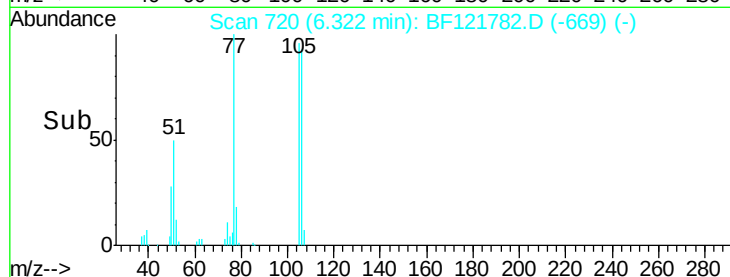
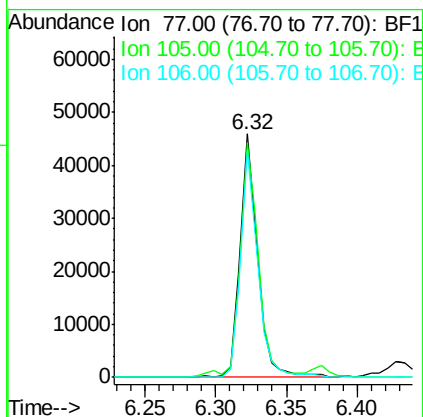
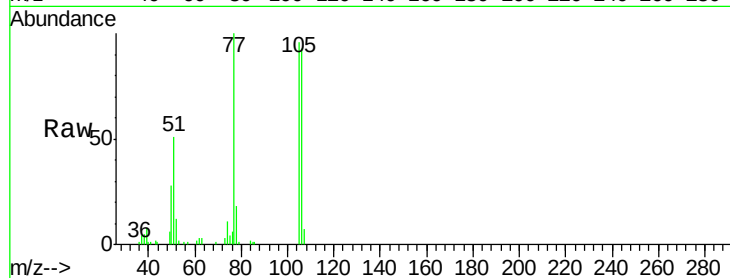
Tot Ion: 77 Resp: 40035

Ion Ratio Lower Upper

77 100

105 96.1 76.7 116.7

106 93.3 71.3 111.3



#10

Phenol

Concen: 13.226 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

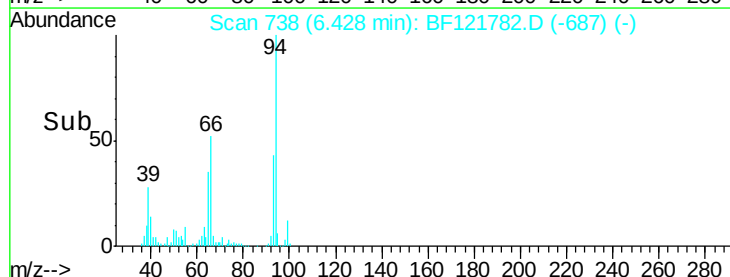
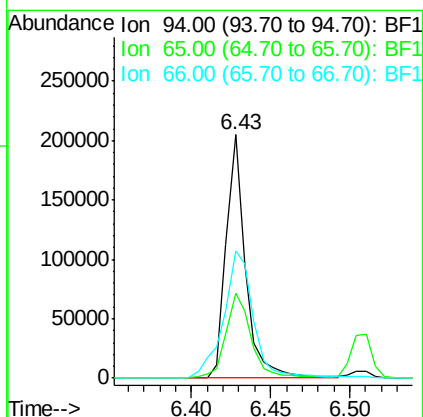
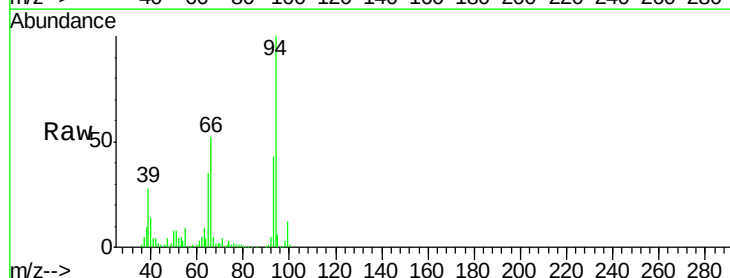
Tgt Ion: 94 Resp: 174750

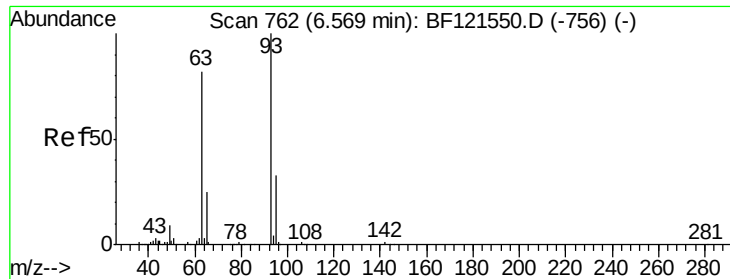
Ion Ratio Lower Upper

94 100

65 34.9 17.1 57.1

66 52.2 36.0 76.0

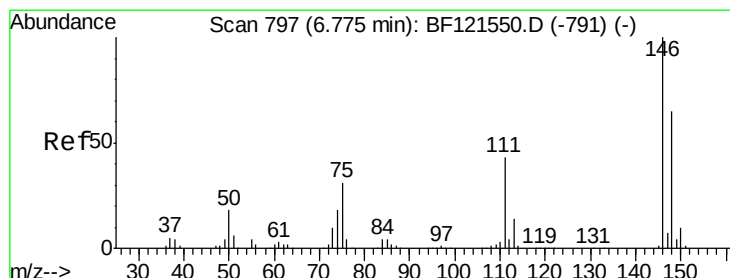
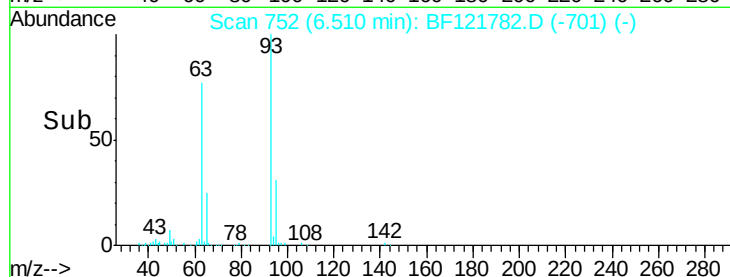
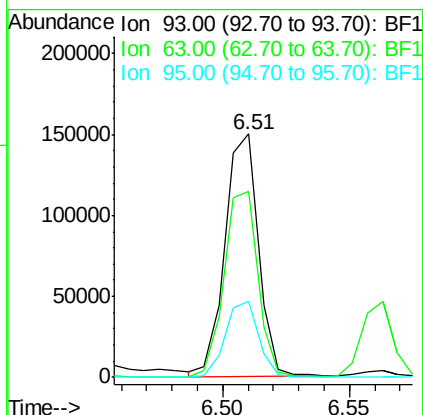
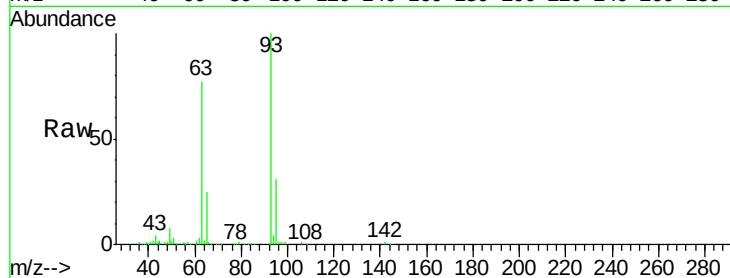




#11
bis(2-Chloroethyl)ether
Concen: 13.749 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

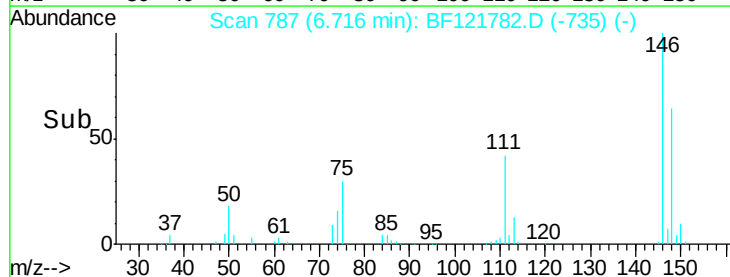
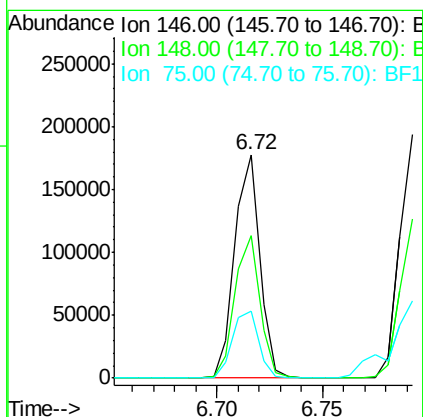
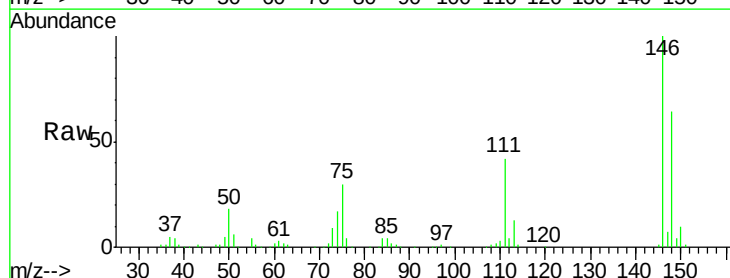
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

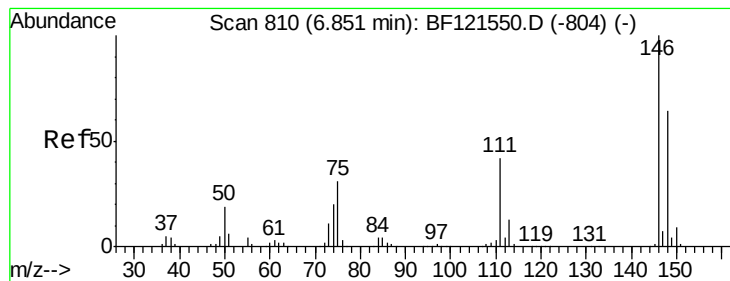
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	62.4	102.4
95	31.4	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 13.605 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
75	29.9	27.6	41.4





#13

1,4-Dichlorobenzene

Concen: 13.559 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

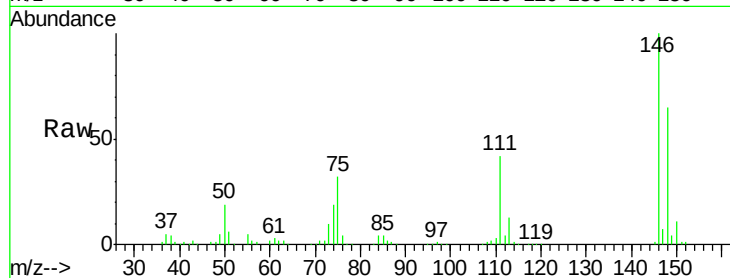
Tot Ion:146 Resp: 146318

Ion Ratio Lower Upper

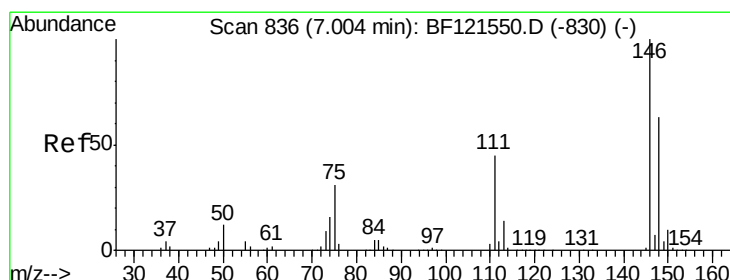
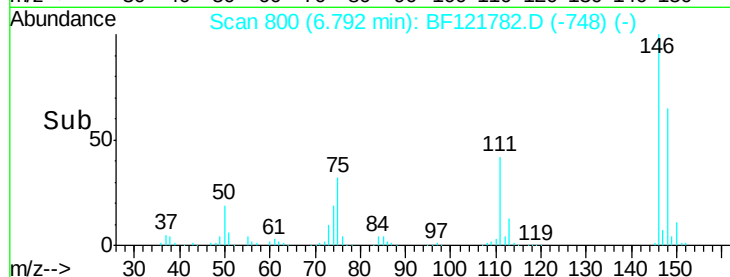
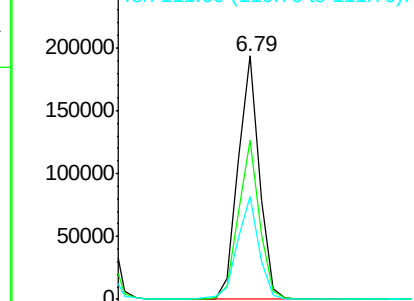
146 100

148 65.1 50.1 75.1

111 42.5 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 14.080 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

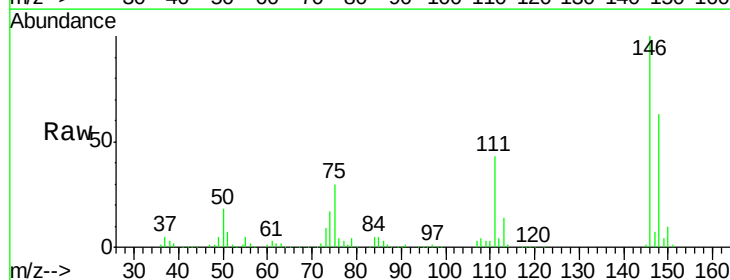
Tgt Ion:146 Resp: 139969

Ion Ratio Lower Upper

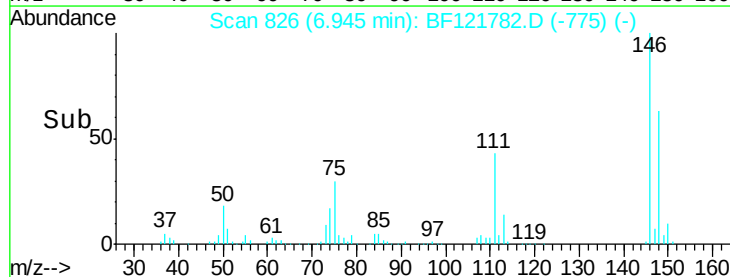
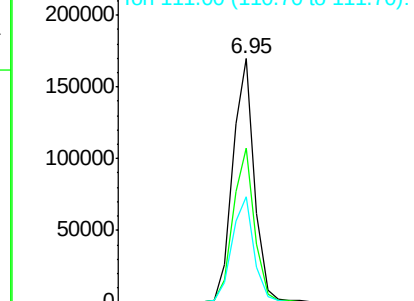
146 100

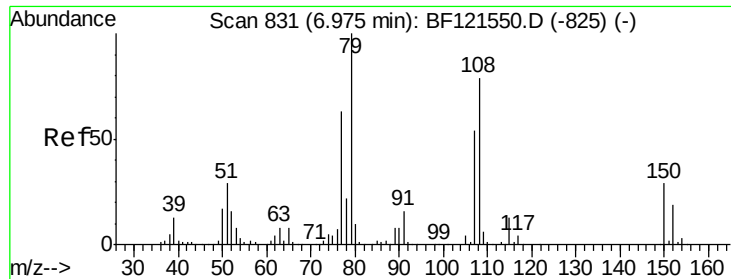
148 63.4 51.1 76.7

111 43.5 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

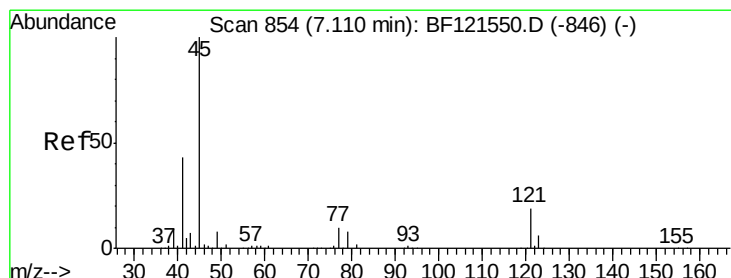
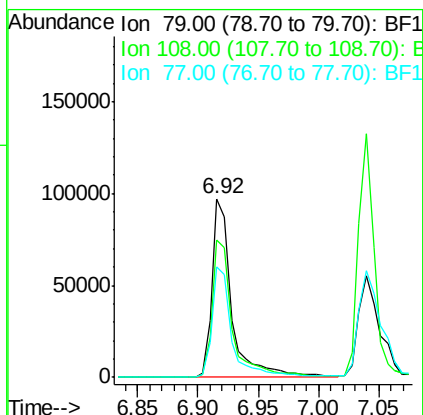
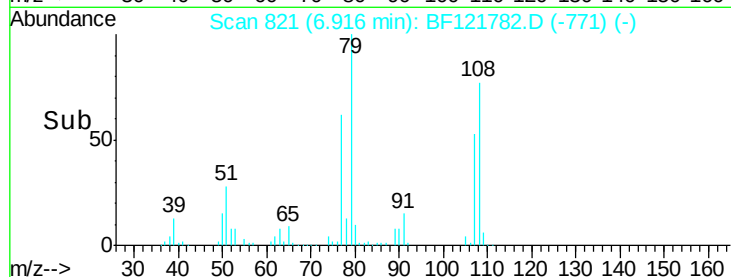
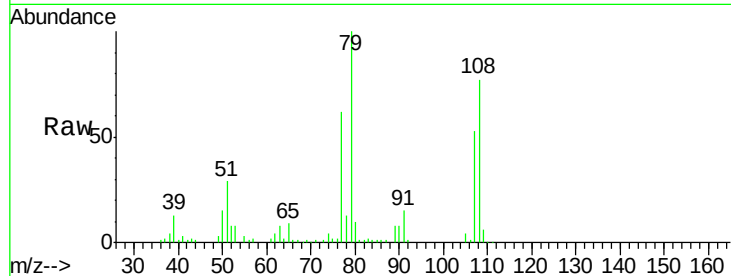




#15
Benzyl Alcohol
Concen: 13.055 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

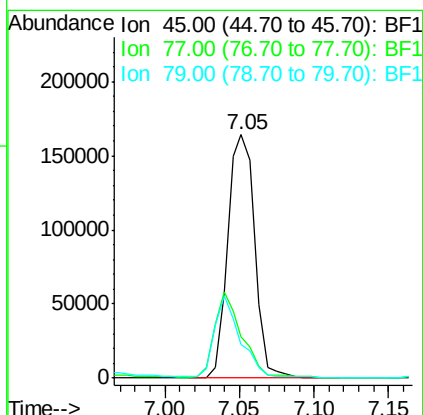
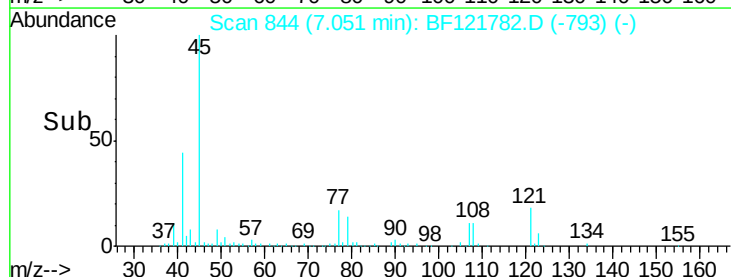
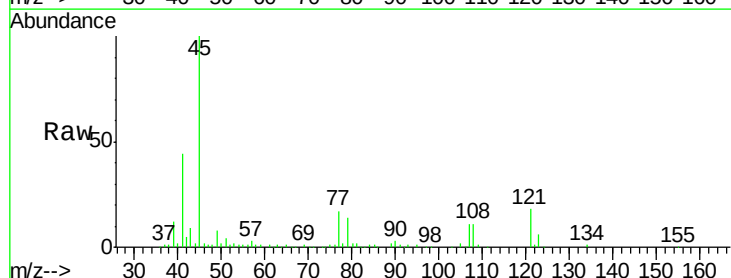
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

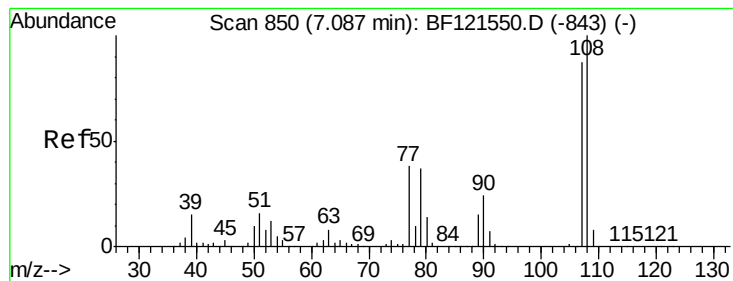
Tot Ion: 79 Resp: 110093
Ion Ratio Lower Upper
79 100
108 77.0 62.3 93.5
77 62.0 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 13.081 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion: 45 Resp: 209617
Ion Ratio Lower Upper
45 100
77 17.2 0.0 33.3
79 13.9 0.0 30.4

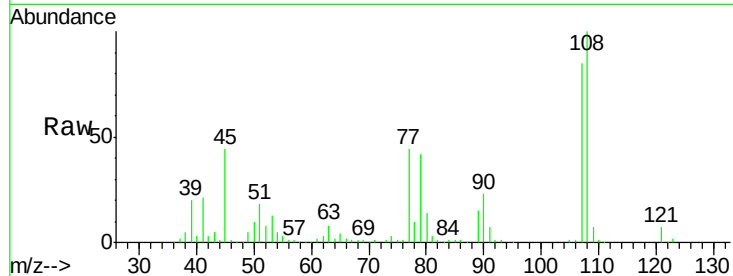




#17
2-Methylphenol
Concen: 12.863 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:	107	Resp:	105383
Ion	Ratio	Lower	Upper
107	100		
108	117.1	90.9	136.3
77	51.5	37.5	56.3
79	48.9	37.4	56.0



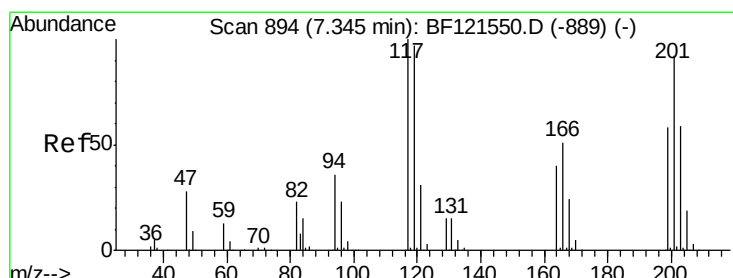
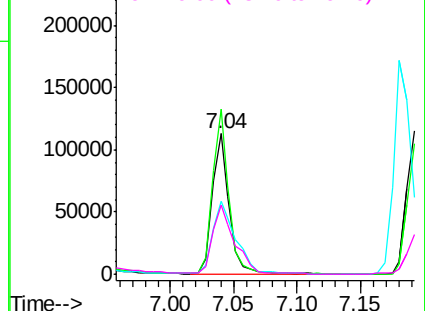
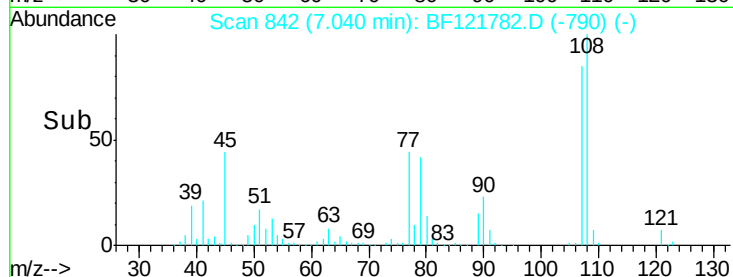
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

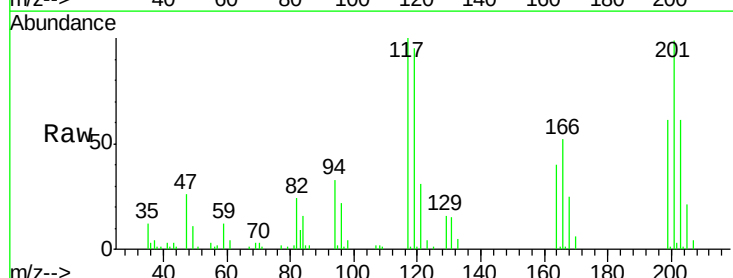
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 8.883 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:	117	Resp:	34323
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.3	114.5
201	99.2	71.8	107.6

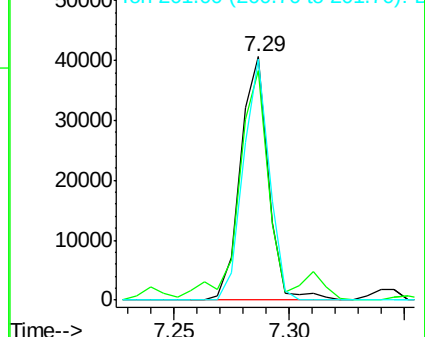
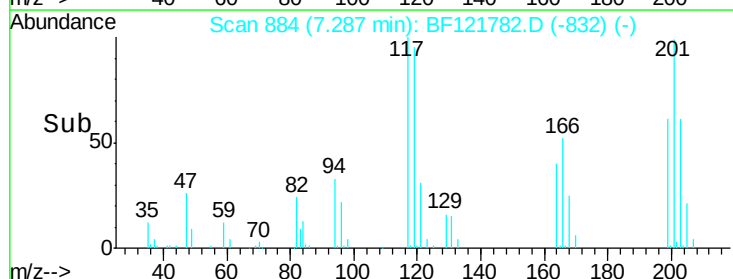


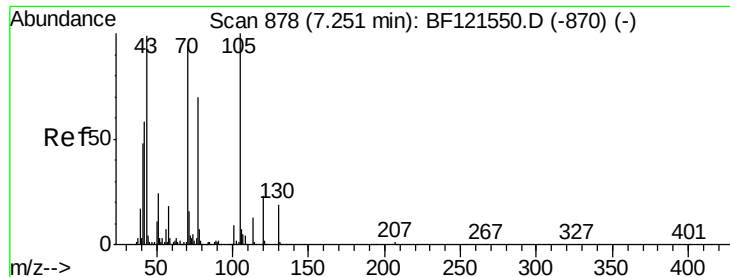
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

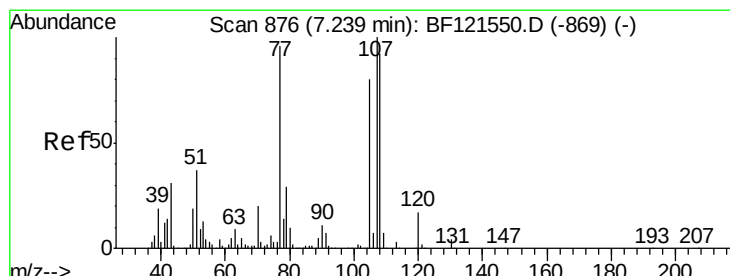
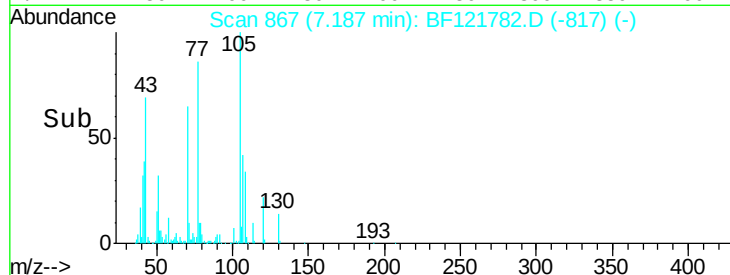
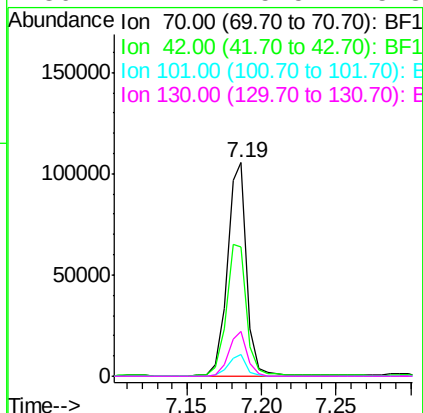
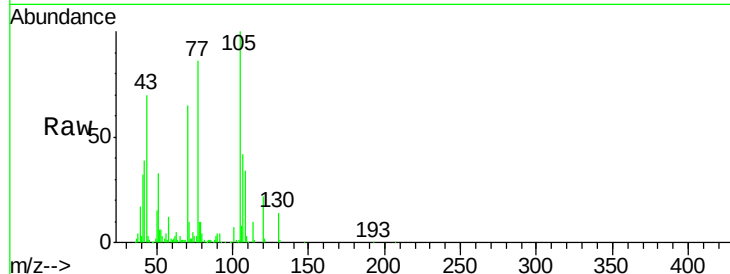




#19
n-Nitroso-di-n-propylamine
Concen: 13.732 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

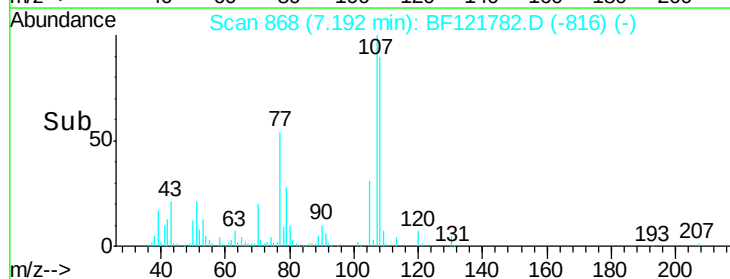
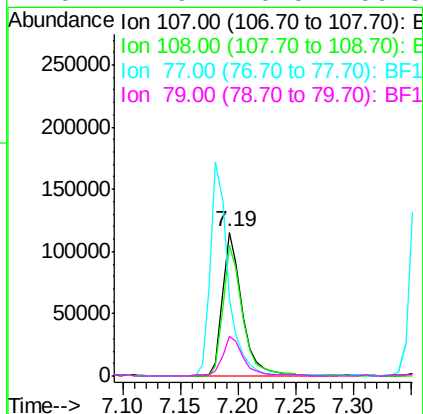
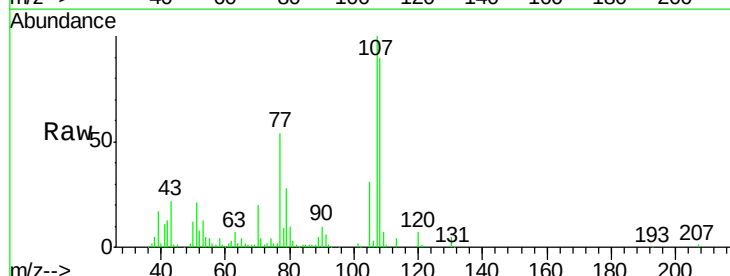
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

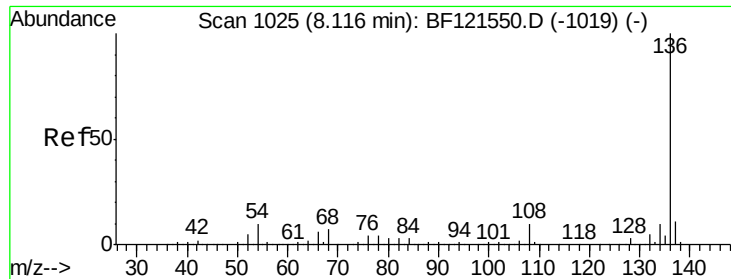
Tot Ion:	70	Resp:	98191
Ion	Ratio	Lower	Upper
70	100		
42	60.3	50.2	75.4
101	10.0	7.5	11.3
130	21.2	15.5	23.3



#20
3+4-Methylphenols
Concen: 14.052 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:	107	Resp:	138317
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.9	108.9
77	53.6	108.0	148.0#
79	27.9	10.5	50.5

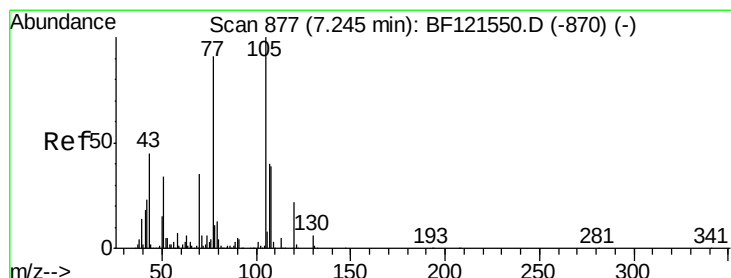
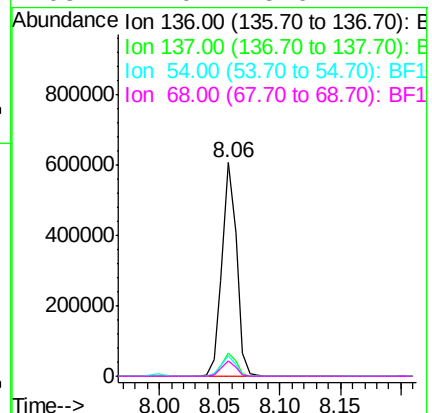
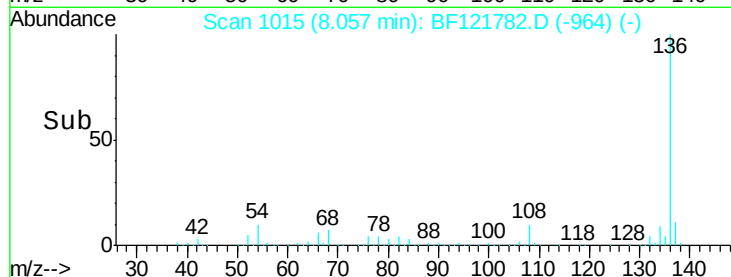
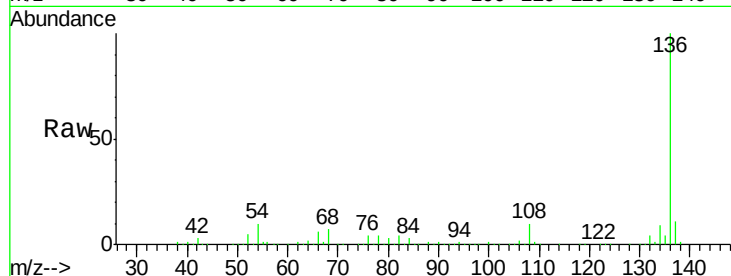




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

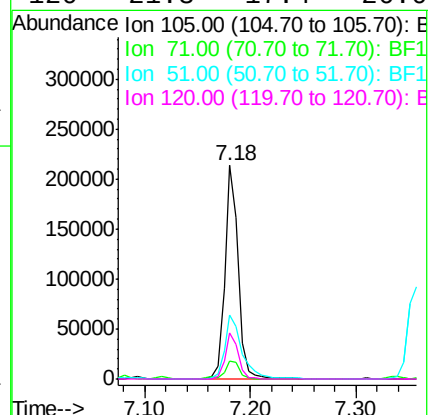
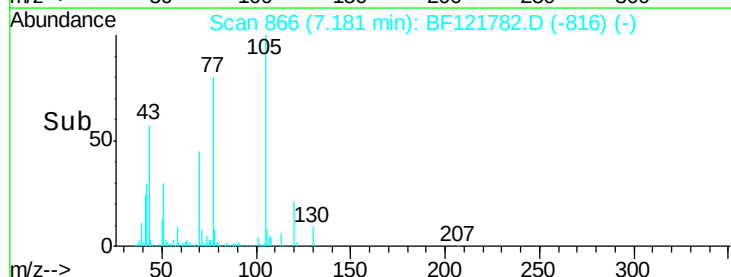
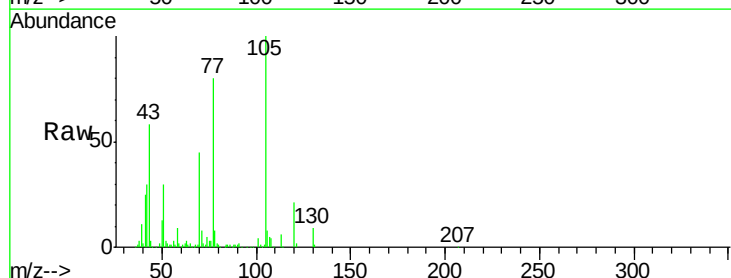
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

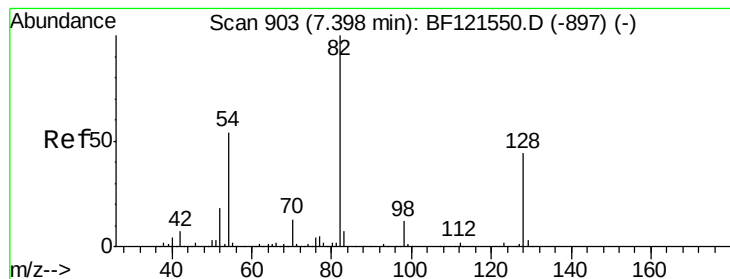
Tot Ion:136	Resp:	500890
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 13.0
54	9.7	7.1 10.7
68	7.0	5.0 7.4



#22
Acetophenone
Concen: 14.962 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:105	Resp:	190144
Ion Ratio	Lower	Upper
105	100	
71	8.2	5.3 7.9#
51	30.2	33.2 49.8#
120	21.3	17.4 26.0





#23

Nitrobenzene-d5

Concen: 29.240 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

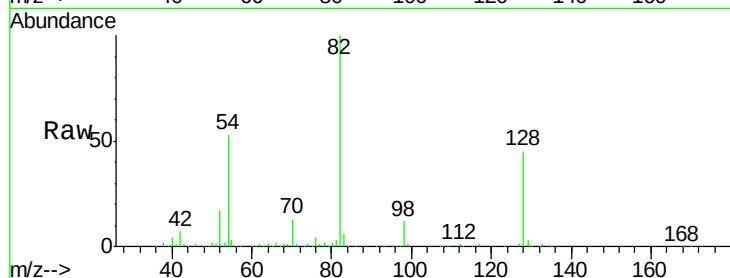
Tot Ion: 82 Resp: 272781

Ion Ratio Lower Upper

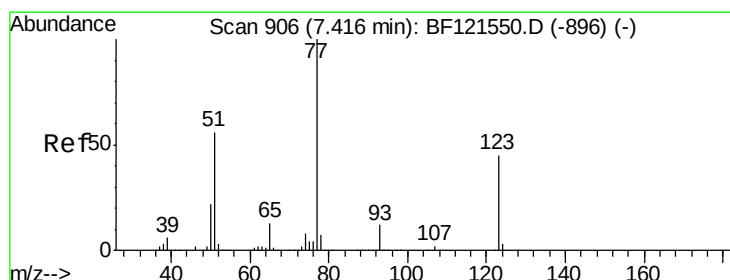
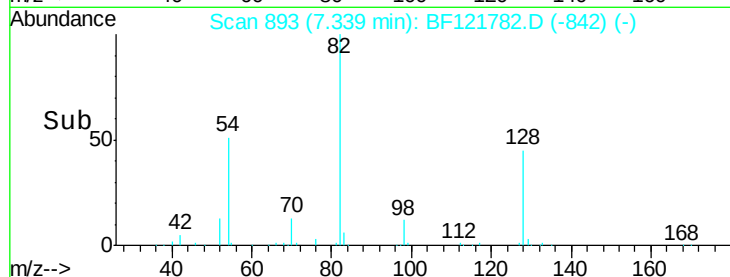
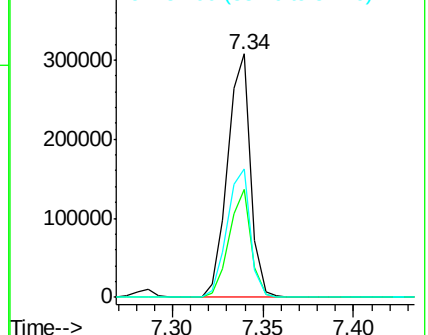
82 100

128 44.6 35.0 52.4

54 52.9 43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 13.657 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

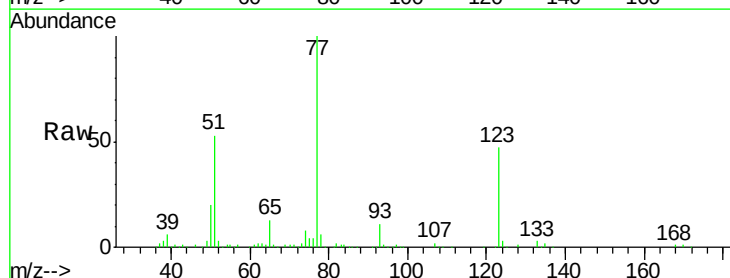
Tgt Ion: 77 Resp: 137794

Ion Ratio Lower Upper

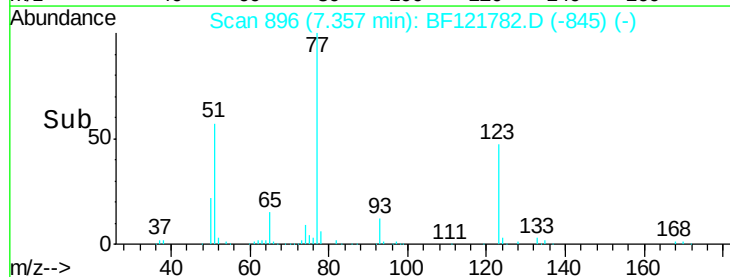
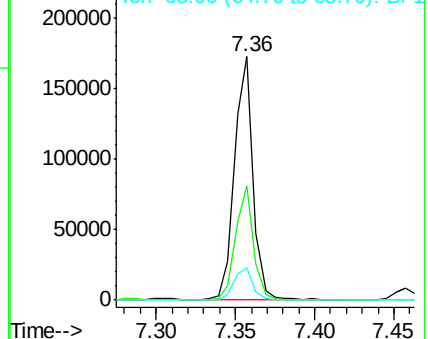
77 100

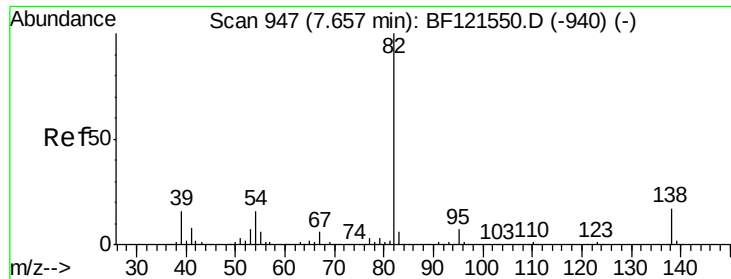
123 46.9 35.6 53.4

65 13.1 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 13.182 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

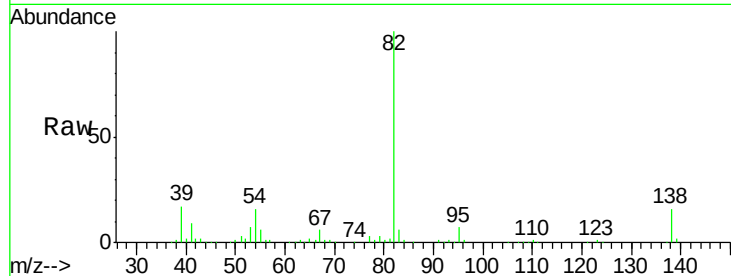
Tot Ion: 82 Resp: 247554

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

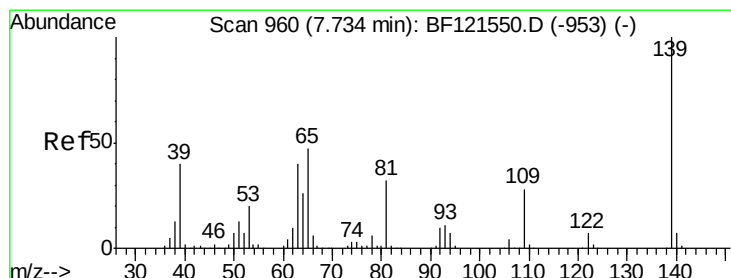
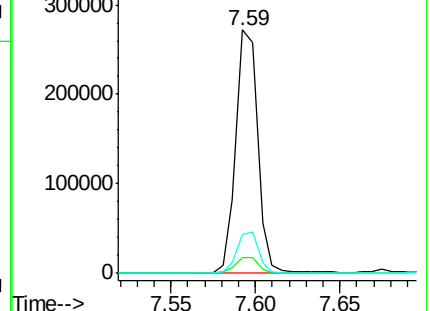
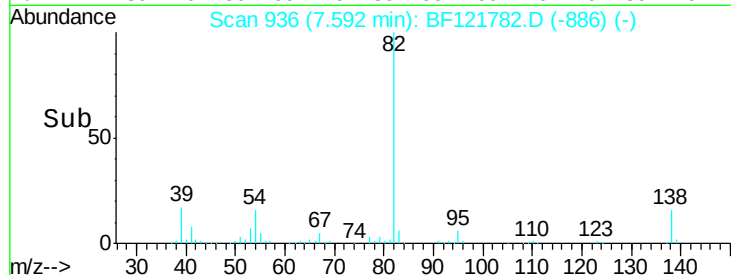
138 15.7 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 12.456 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

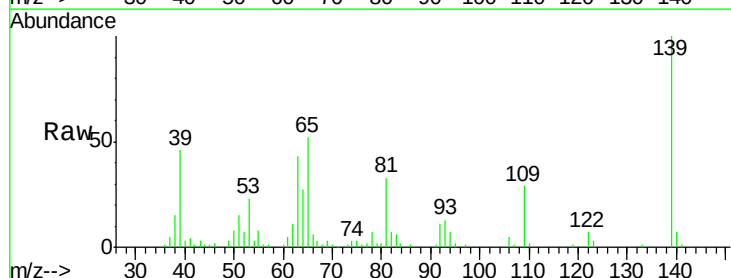
Tgt Ion: 139 Resp: 49658

Ion Ratio Lower Upper

139 100

109 29.2 23.0 34.4

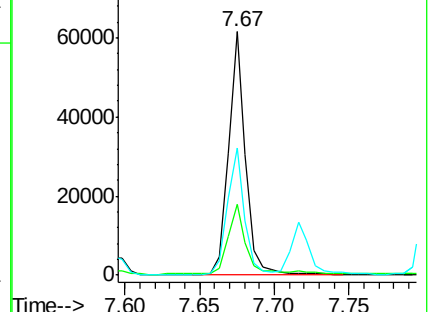
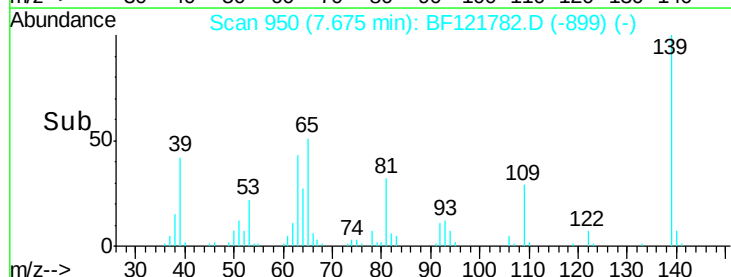
65 52.1 39.9 59.9

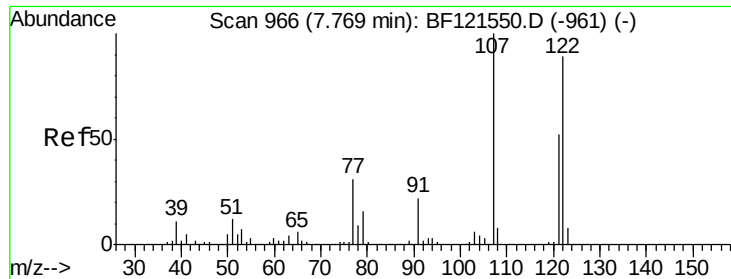


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

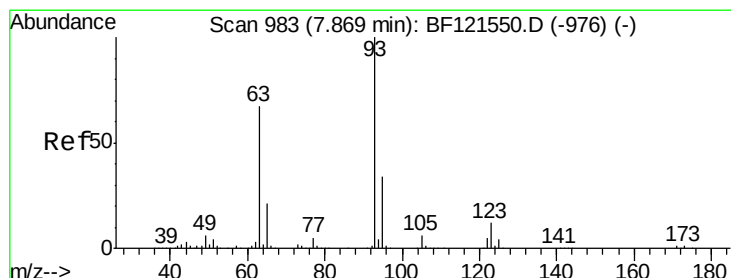
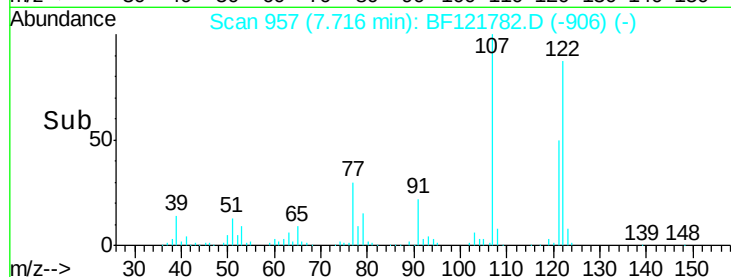
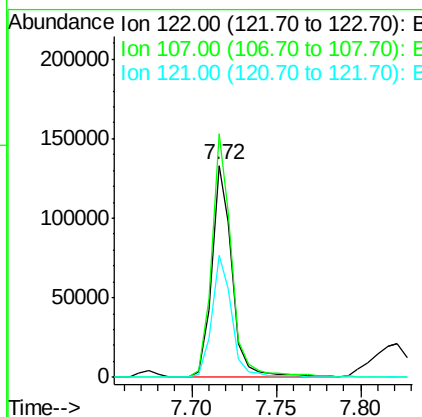
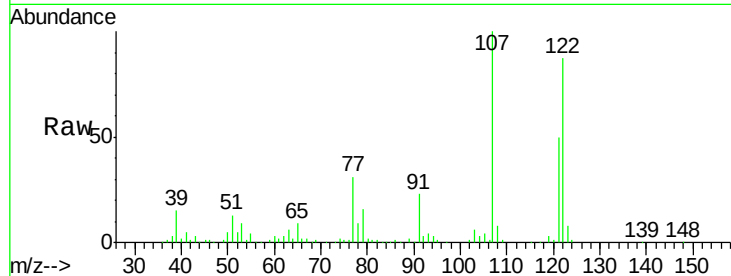




#27
 2,4-Dimethylphenol
 Concen: 13.385 ng
 RT: 7.72 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

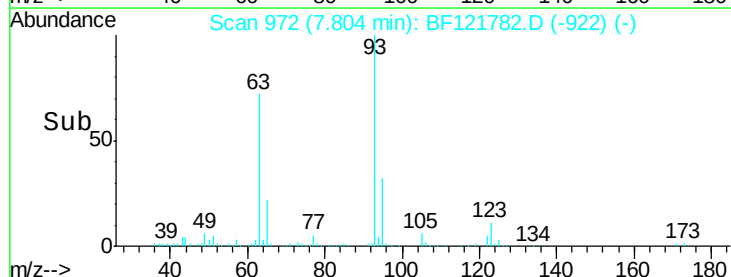
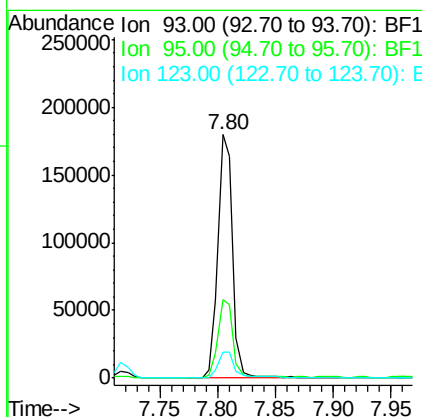
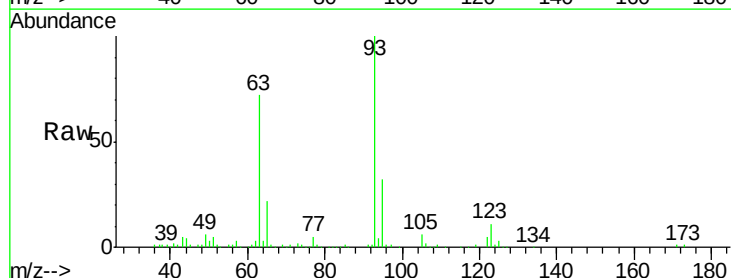
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

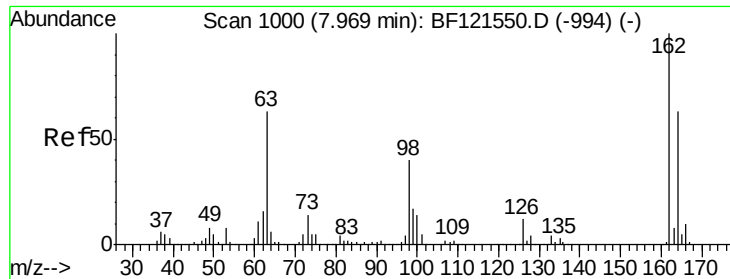
Tot Ion:122 Resp: 112204
 Ion Ratio Lower Upper
 122 100
 107 115.0 90.8 136.2
 121 57.6 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 13.715 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion: 93 Resp: 159451
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.2 39.4
 123 10.8 8.8 13.2

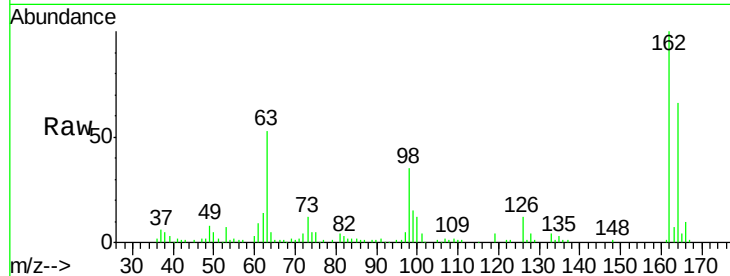




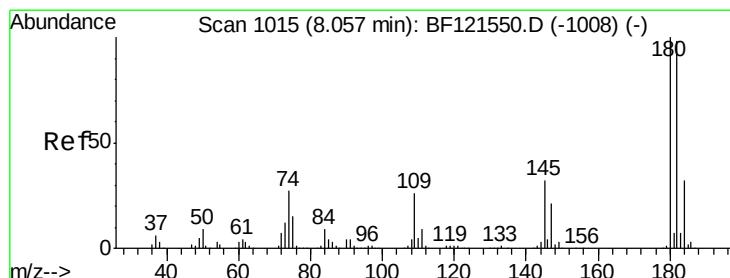
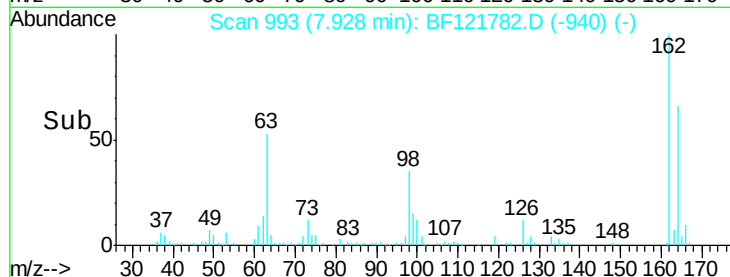
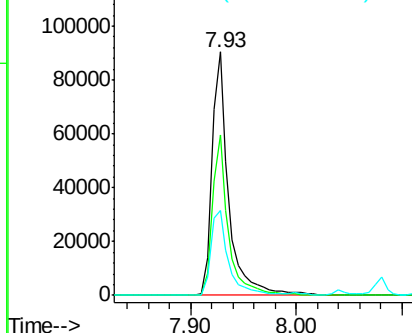
#29
 2,4-Dichlorophenol
 Concen: 13.137 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.5	82.5
98	34.9	20.1	60.1

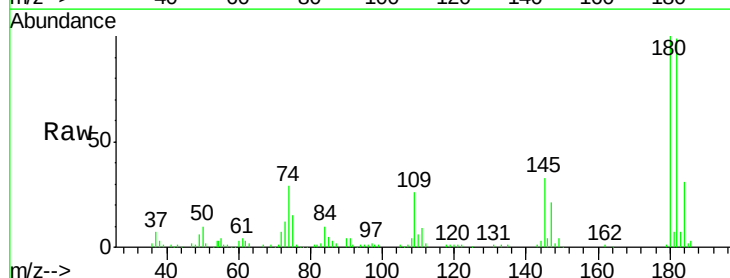


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

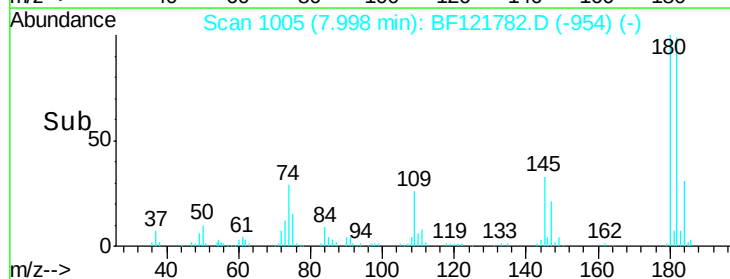
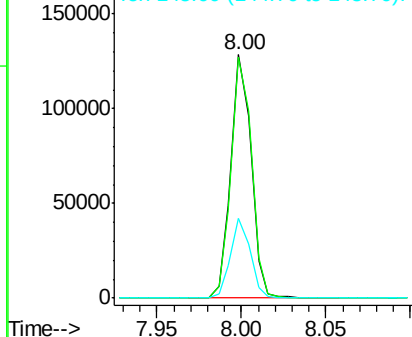


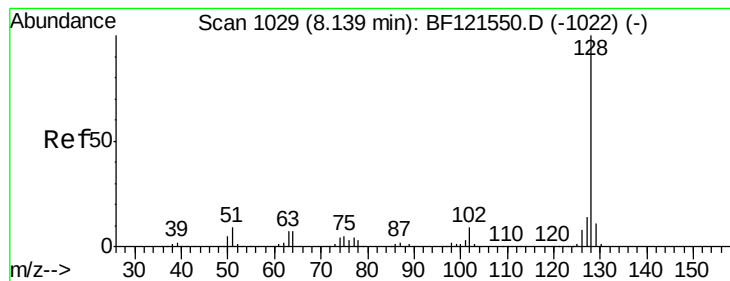
#30
 1,2,4-Trichlorobenzene
 Concen: 13.367 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	79.4	119.2
145	32.7	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 13.641 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

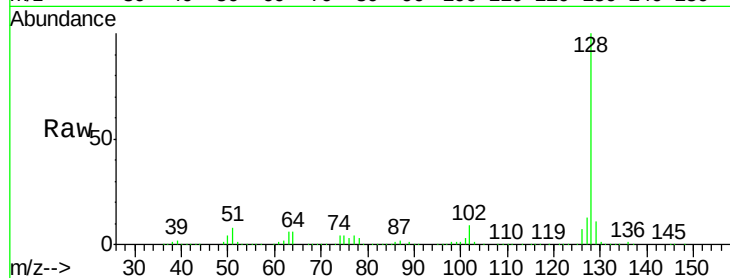
Tot Ion:128 Resp: 360686

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

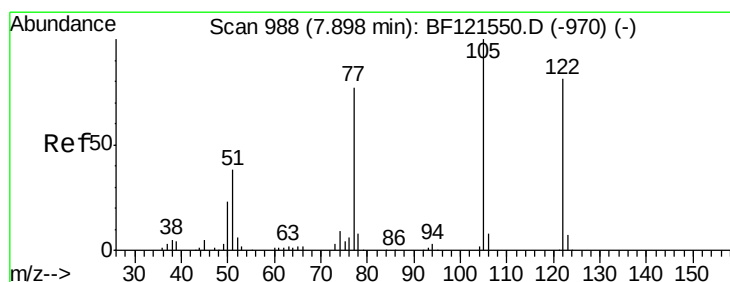
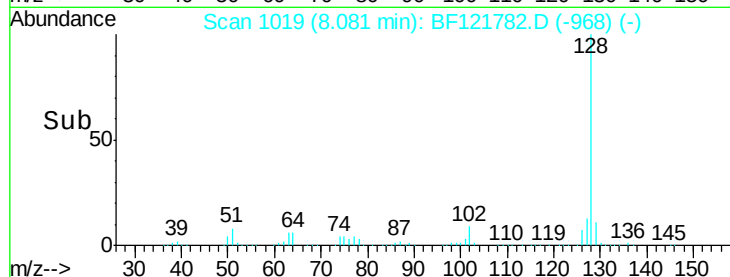
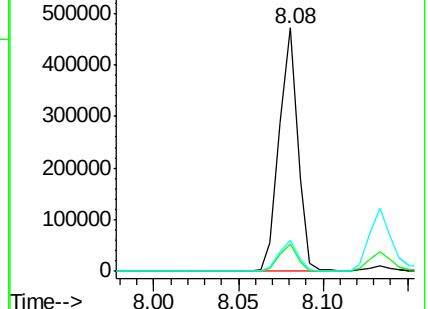
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.762 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.04 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

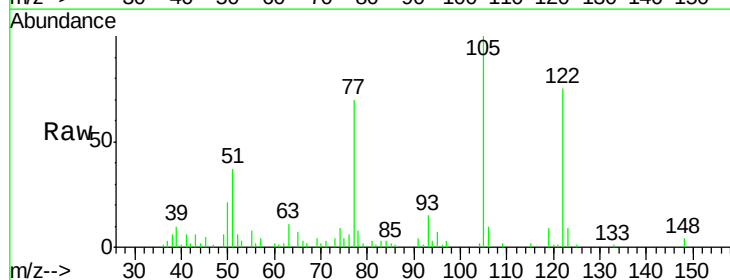
Tgt Ion:122 Resp: 42593

Ion Ratio Lower Upper

122 100

105 133.7 103.3 143.3

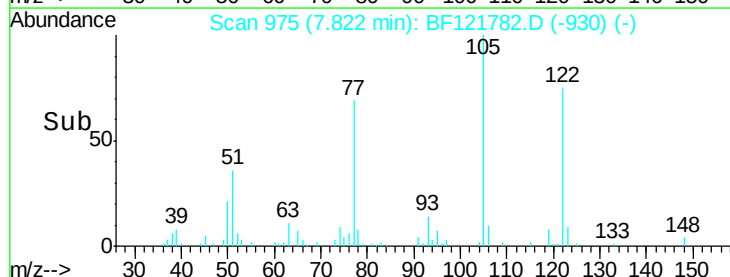
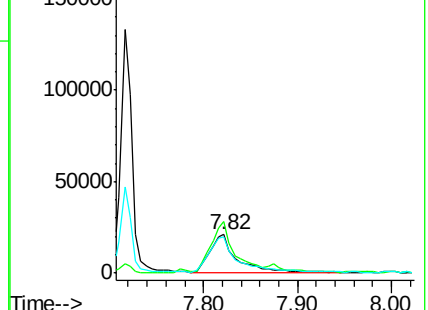
77 93.7 73.9 113.9

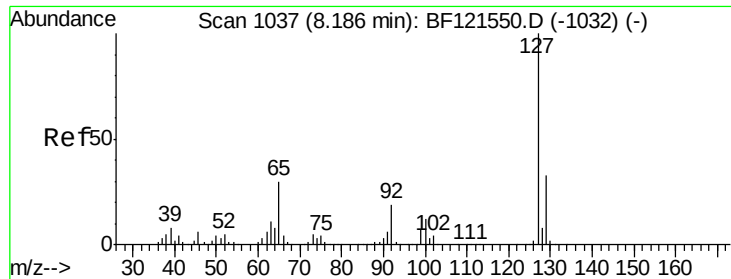


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

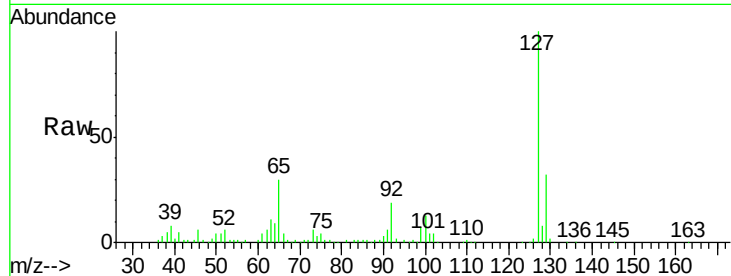




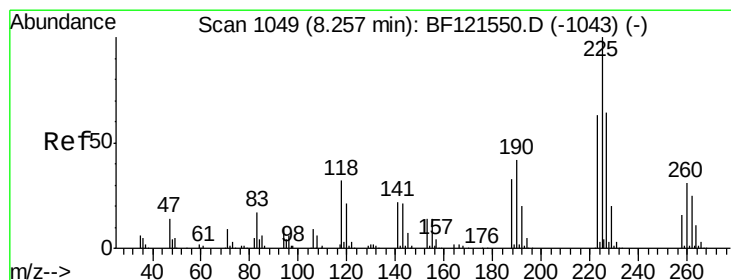
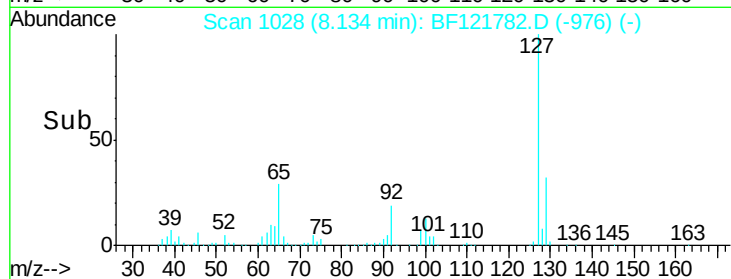
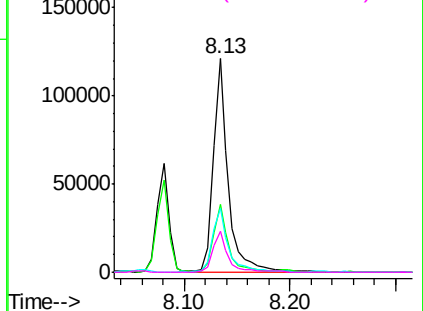
#33
4-Chloroaniline
Concen: 10.560 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:	127	Resp:	121035
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	29.9	26.2	39.2
92	19.0	15.9	23.9

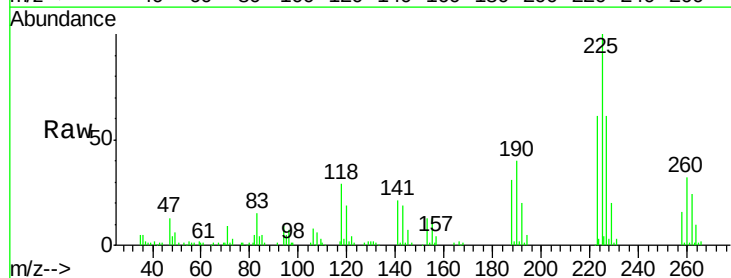


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

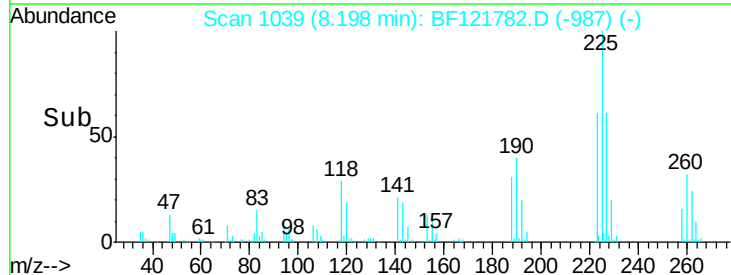
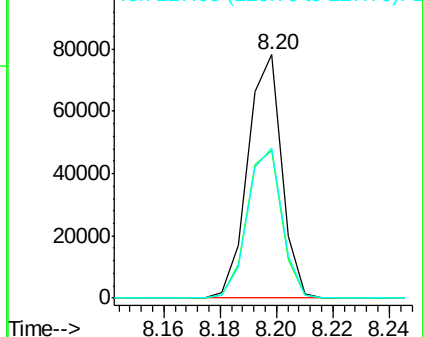


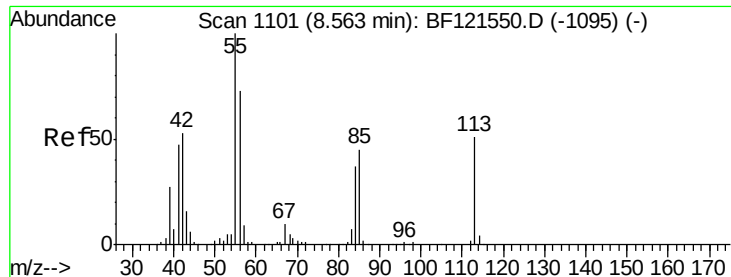
#34
Hexachlorobutadiene
Concen: 13.786 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:	225	Resp:	65068
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.1	76.7
227	61.5	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

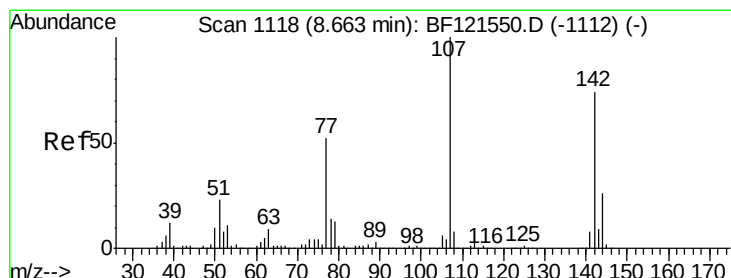
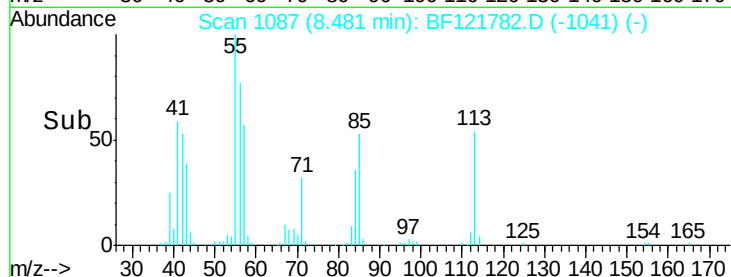
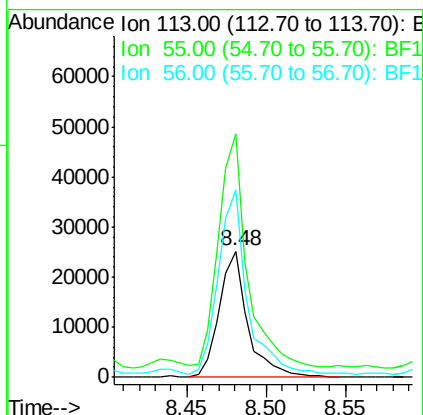
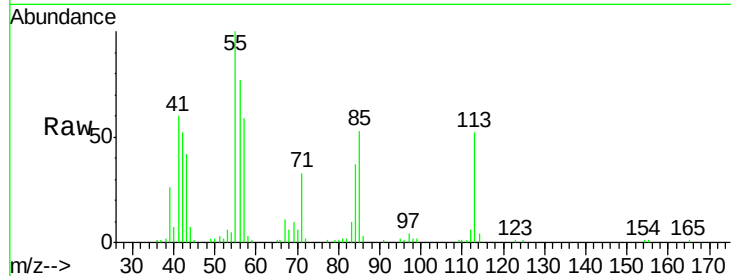




#35
 Caprolactam
 Concen: 12.465 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.03 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

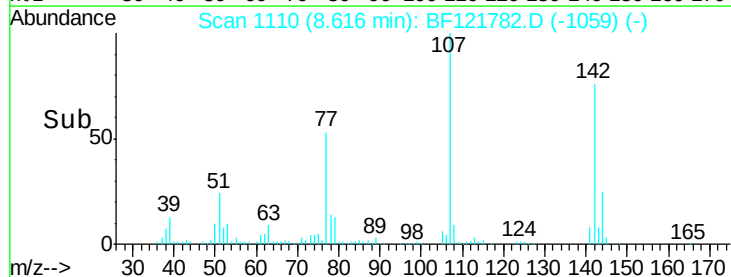
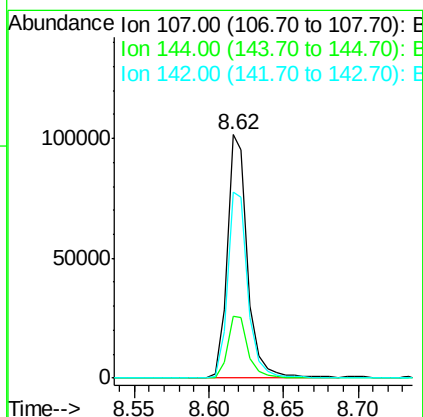
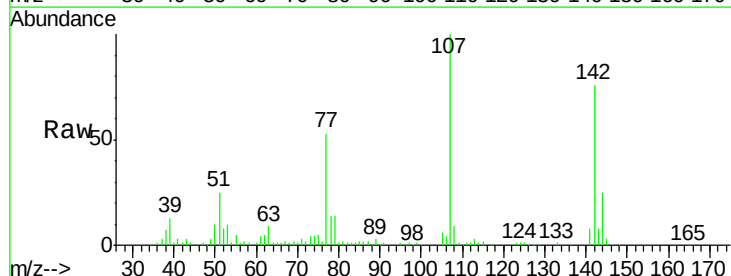
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

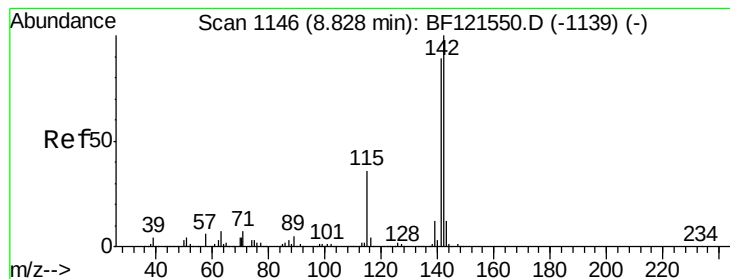
Tot Ion:113 Resp: 31693
 Ion Ratio Lower Upper
 113 100
 55 192.8 167.5 207.5
 56 147.9 121.2 161.2



#36
 4-Chloro-3-methylphenol
 Concen: 11.971 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:107 Resp: 98460
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.1 30.1
 142 76.4 59.3 88.9





#37

2-Methylnaphthalene

Concen: 13.307 ng

RT: 8.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

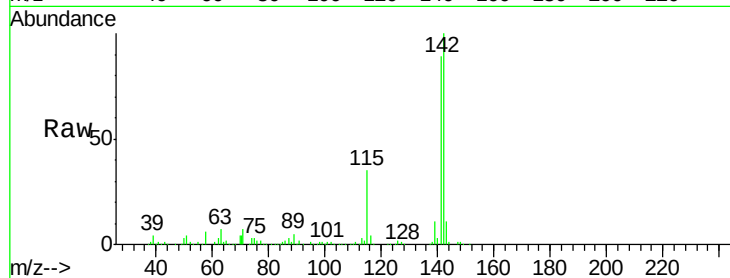
Tot Ion:142 Resp: 230581

Ion Ratio Lower Upper

142 100

141 88.7 70.2 105.4

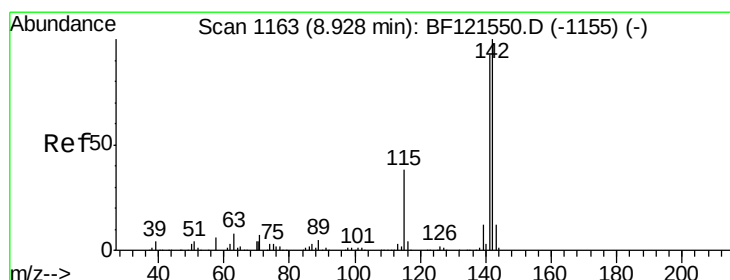
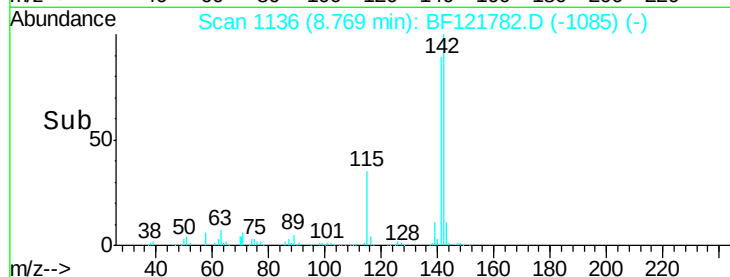
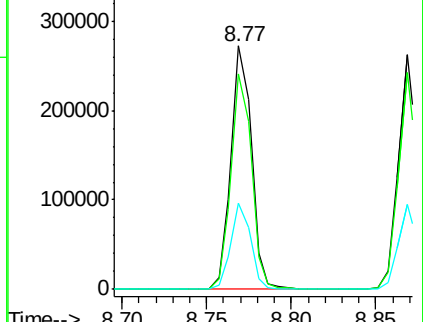
115 35.3 28.6 43.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 12.986 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

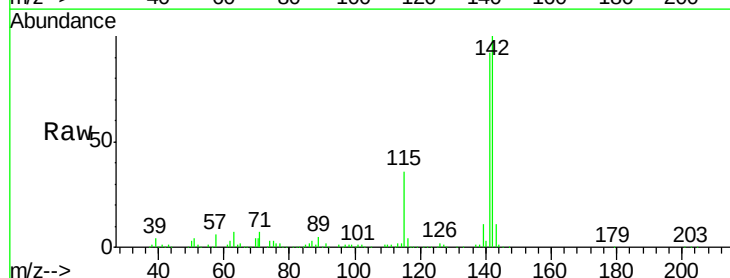
Tgt Ion:142 Resp: 209430

Ion Ratio Lower Upper

142 100

141 92.3 74.5 111.7

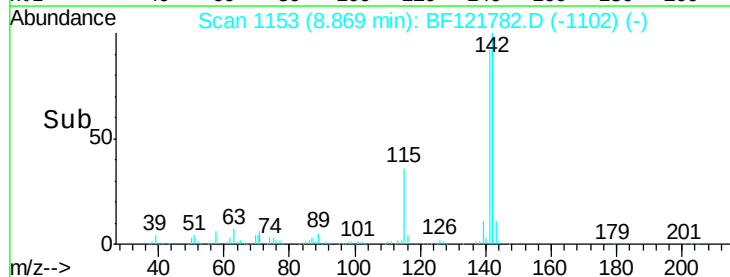
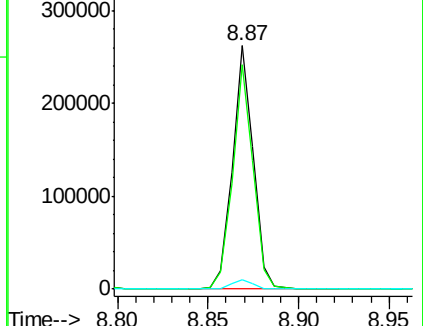
116 3.7 3.2 4.8

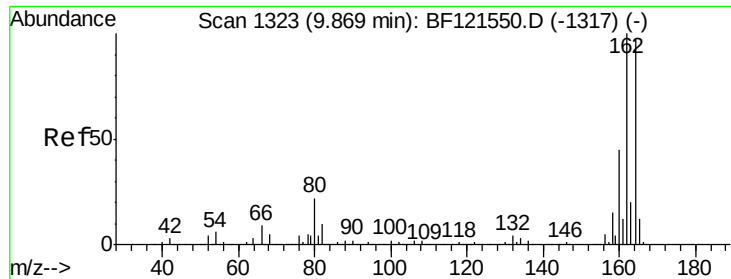


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

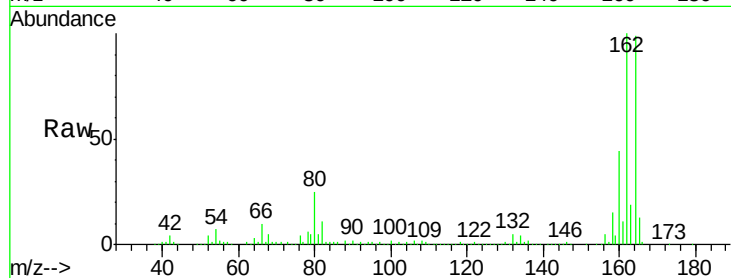




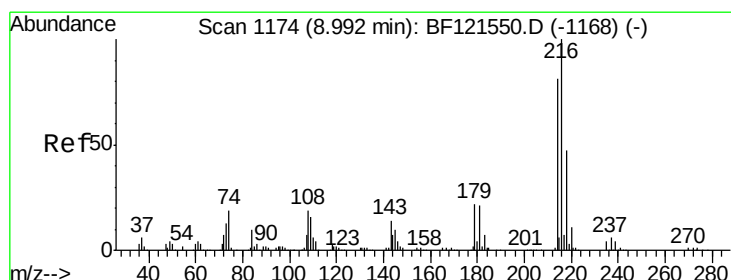
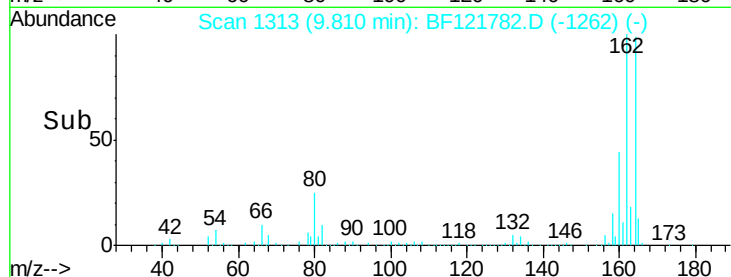
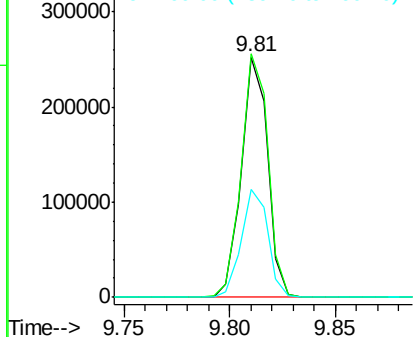
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.2	124.8
160	44.9	37.5	56.3



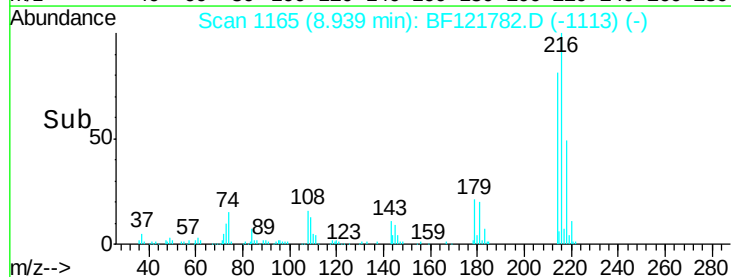
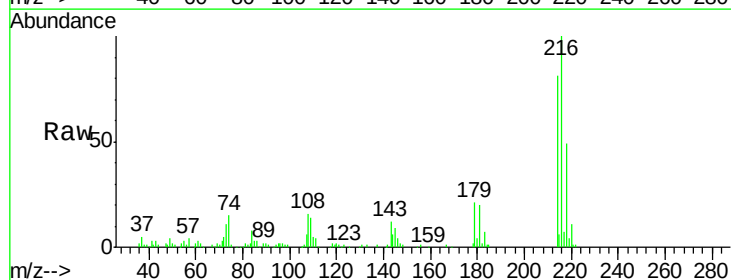
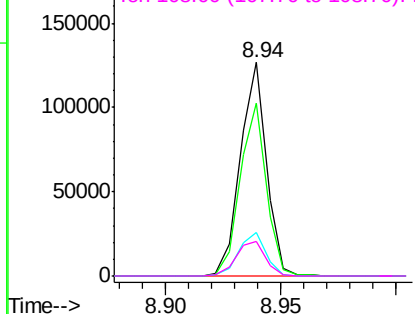
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

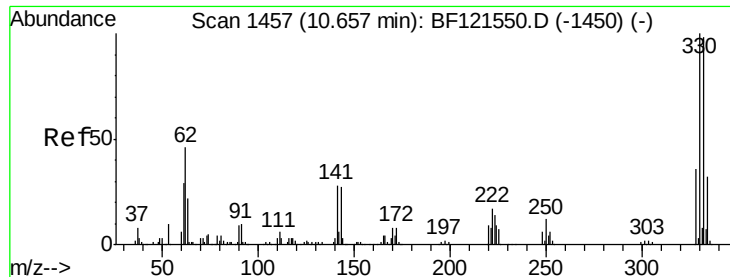


#40
1,2,4,5-Tetrachlorobenzene
Concen: 14.835 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.4	95.2
179	21.6	17.0	25.6
108	18.0	15.5	23.3

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 30.784 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

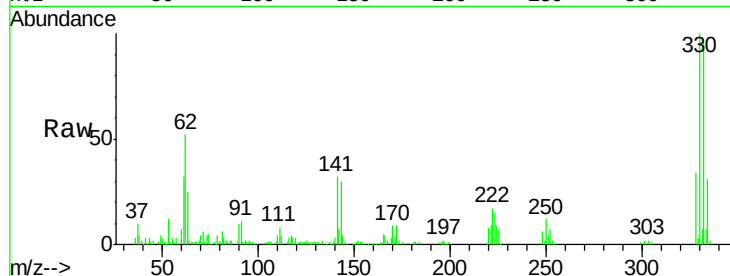
Tot Ion:330 Resp: 82886

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

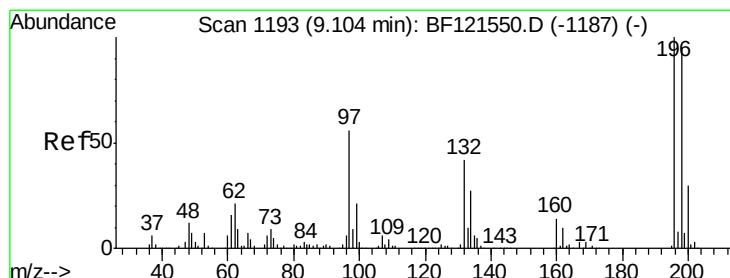
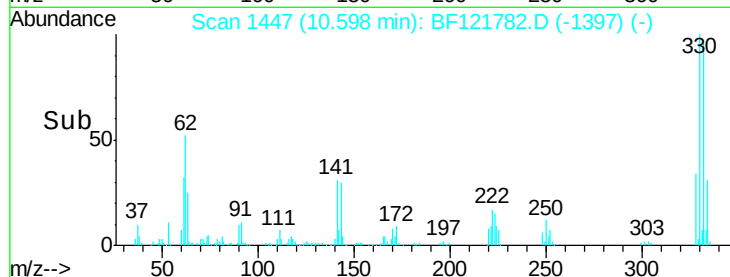
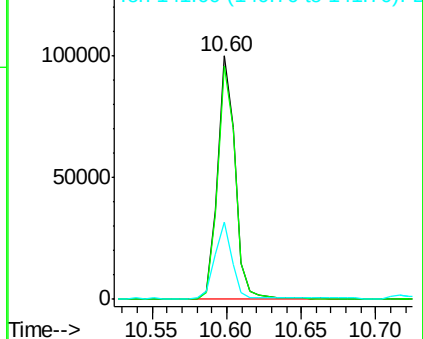
141 30.4 22.3 33.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43

2,4,6-Trichlorophenol

Concen: 13.686 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

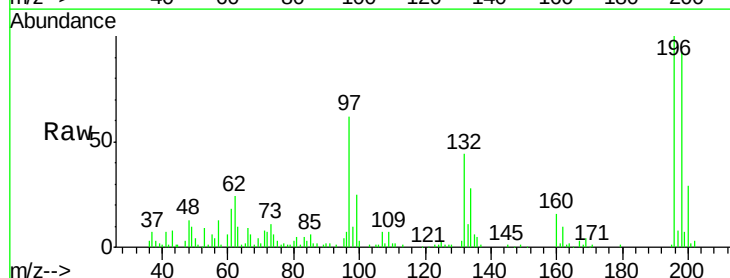
Tgt Ion:196 Resp: 63125

Ion Ratio Lower Upper

196 100

198 93.4 75.8 113.6

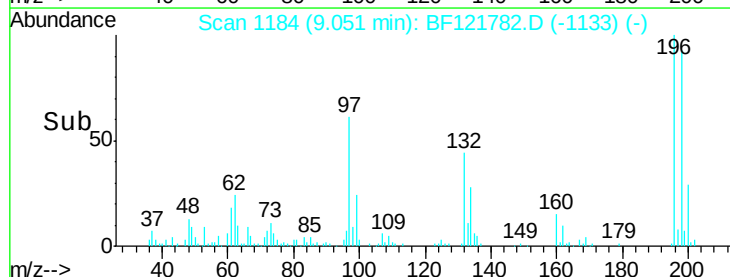
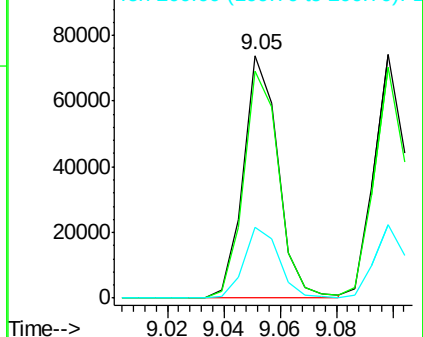
200 29.0 24.6 36.8

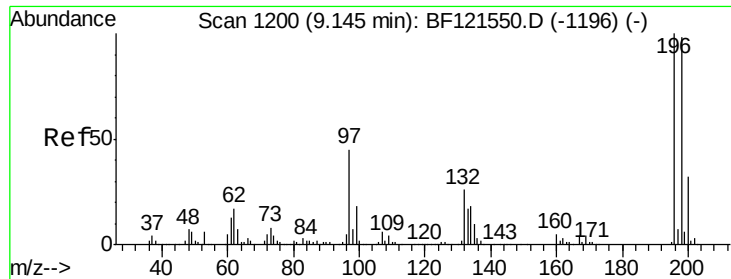


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

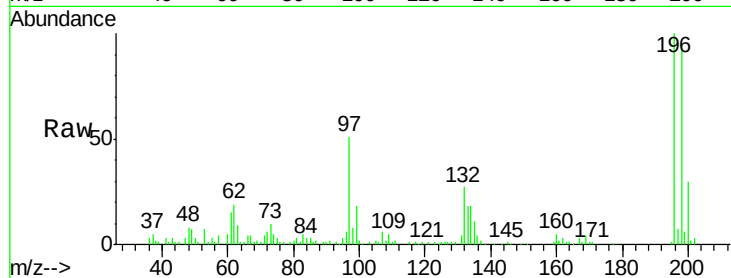




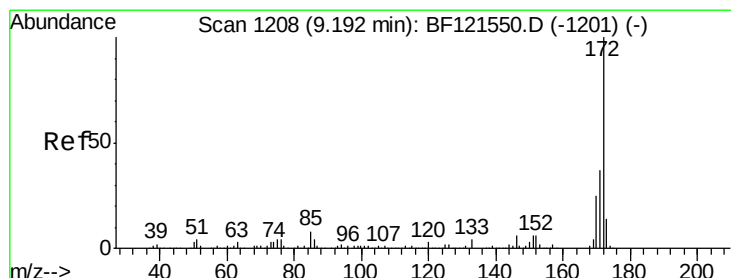
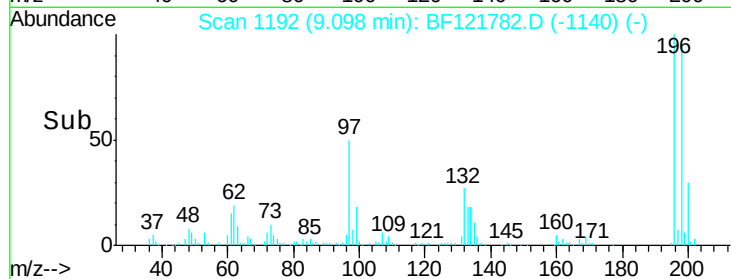
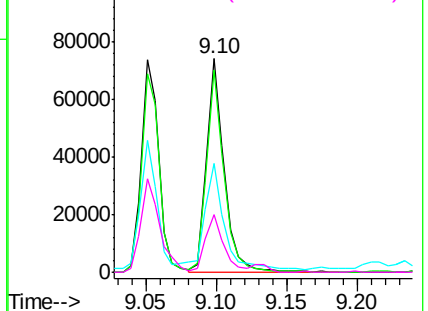
#44
 2,4,5-Trichlorophenol
 Concen: 13.190 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:196 Resp: 64316
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.1 114.1
 97 51.1 41.0 61.6
 132 27.0 22.4 33.6

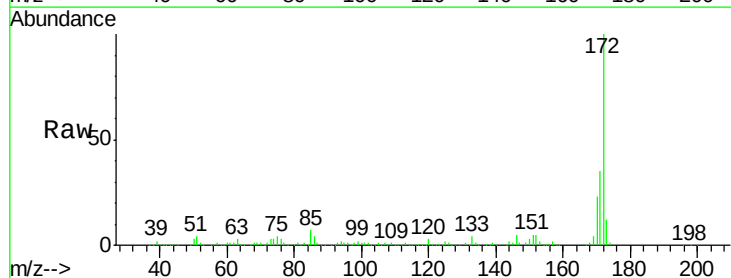


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

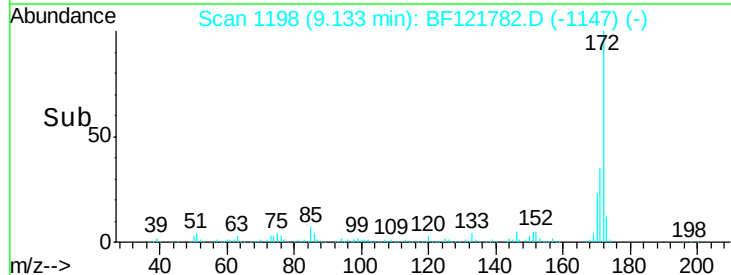
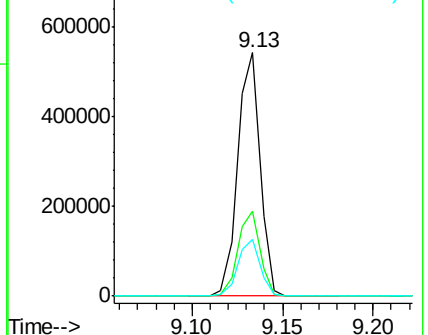


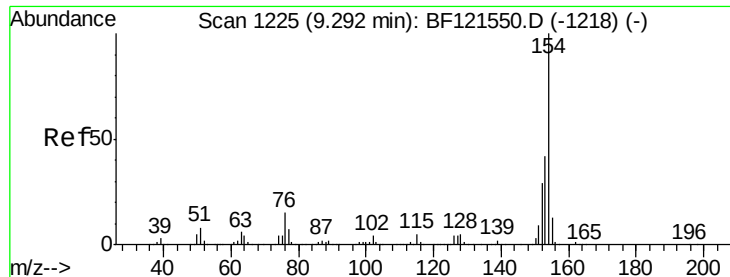
#45
 2-Fluorobiphenyl
 Concen: 32.594 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:172 Resp: 466229
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.1 43.7
 170 23.2 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 15.281 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

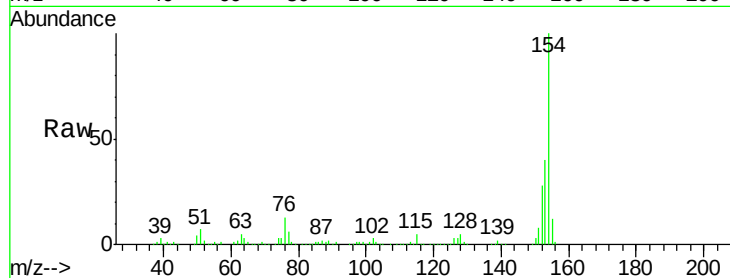
Tot Ion:154 Resp: 265029

Ion Ratio Lower Upper

154 100

153 39.7 21.3 61.3

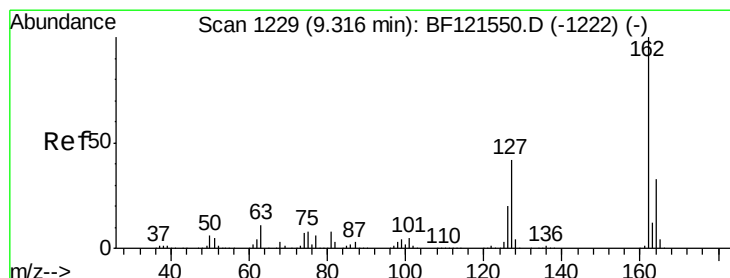
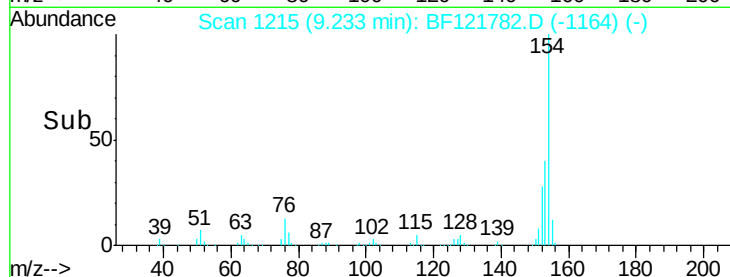
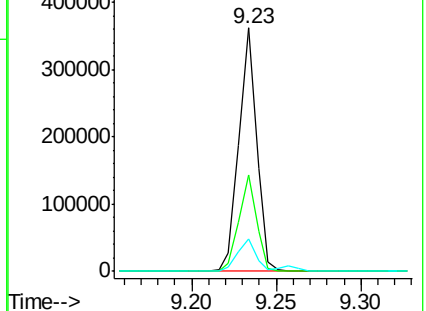
76 13.3 0.0 34.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 14.324 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

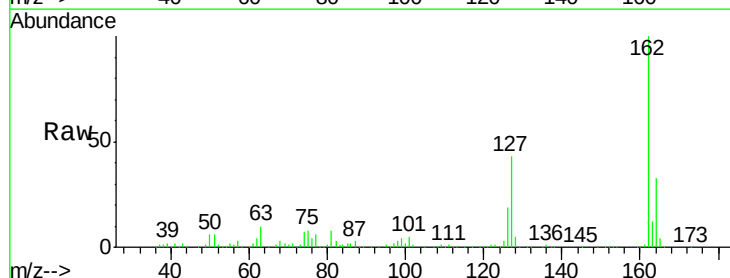
Tgt Ion:162 Resp: 195768

Ion Ratio Lower Upper

162 100

127 42.6 34.4 51.6

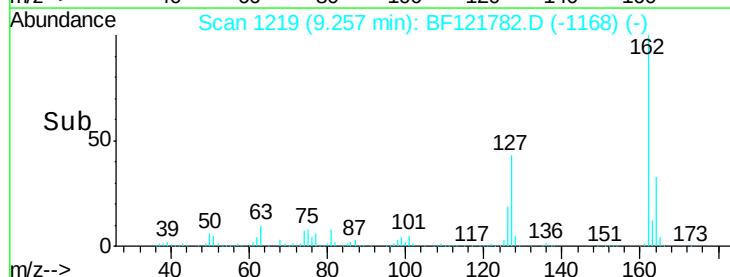
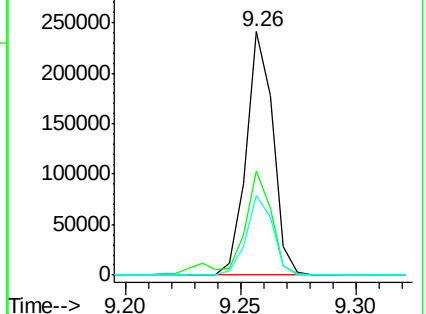
164 32.8 26.3 39.5

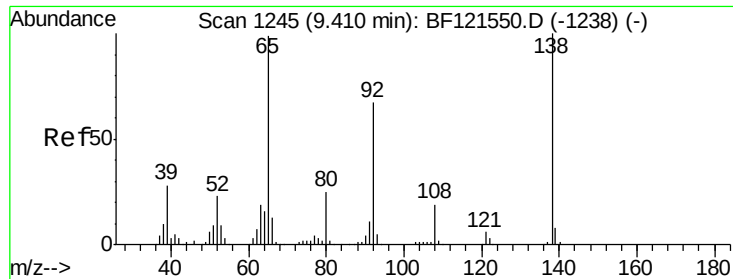


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

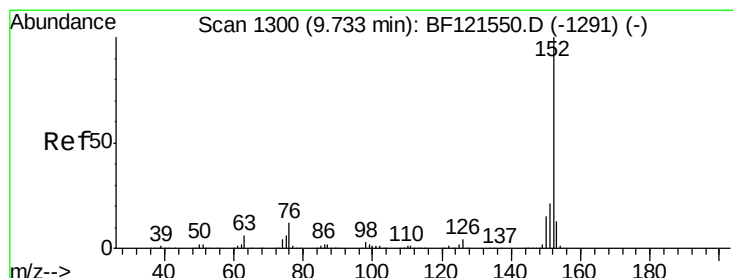
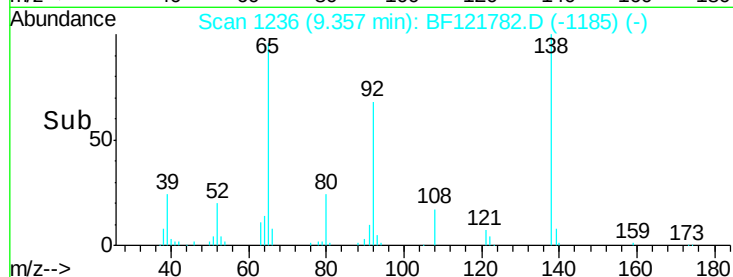
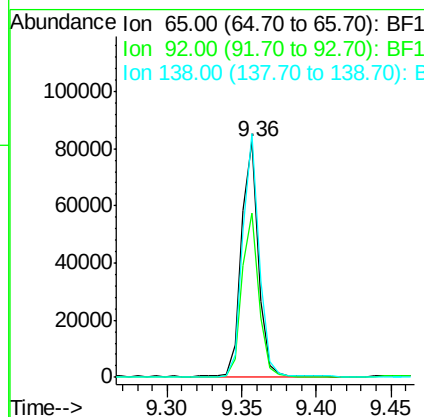
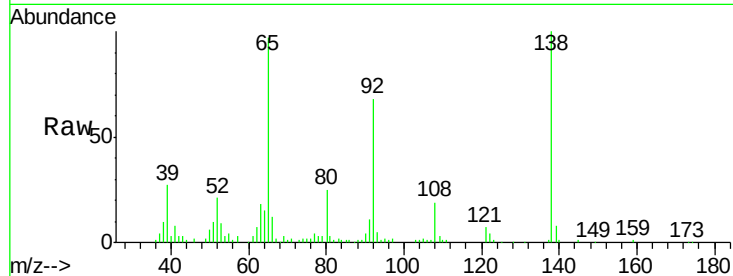




#48
2-Nitroaniline
Concen: 15.837 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

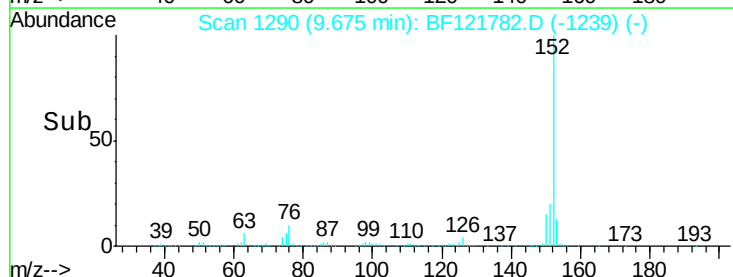
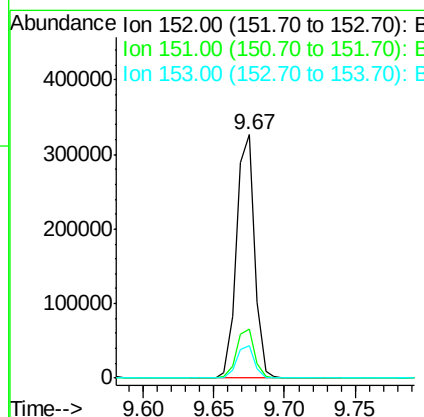
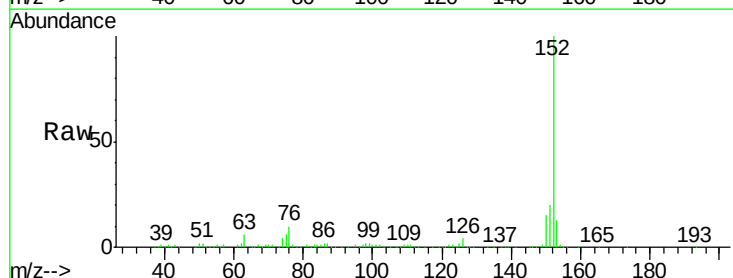
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

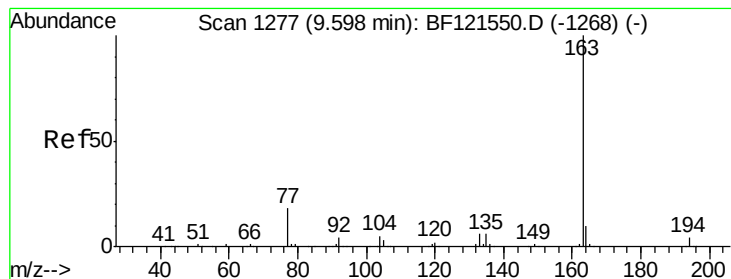
Tot Ion: 65 Resp: 67259
Ion Ratio Lower Upper
65 100
92 69.9 55.1 82.7
138 103.4 80.5 120.7



#49
Acenaphthylene
Concen: 13.854 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion: 152 Resp: 290918
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.2 10.6 15.8





#50

Dimethylphthalate

Concen: 18.452 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

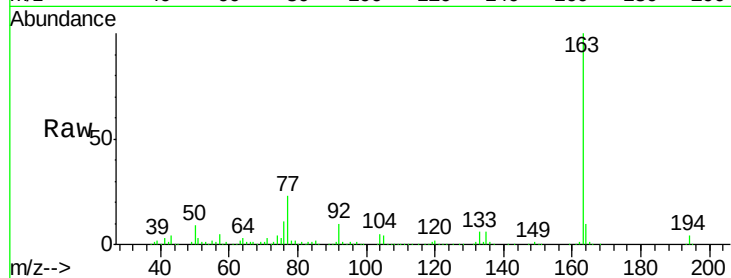
Tot Ion:163 Resp: 289723

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

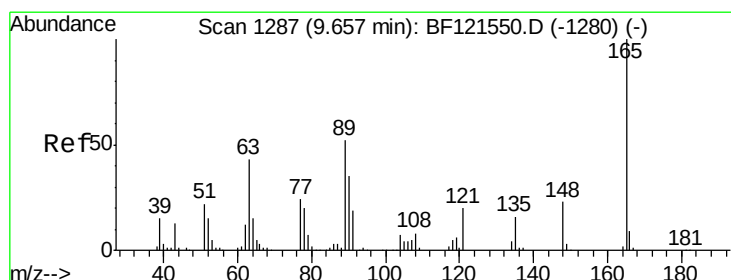
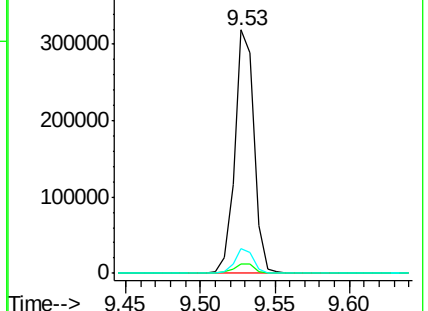
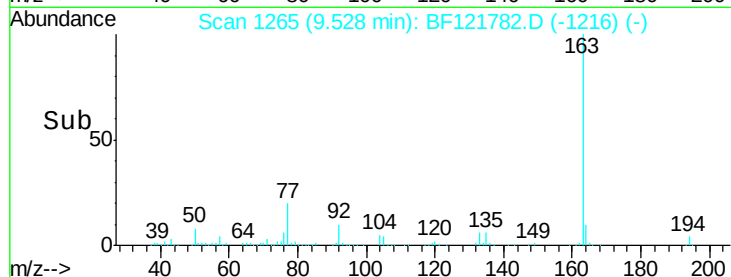
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 12.153 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

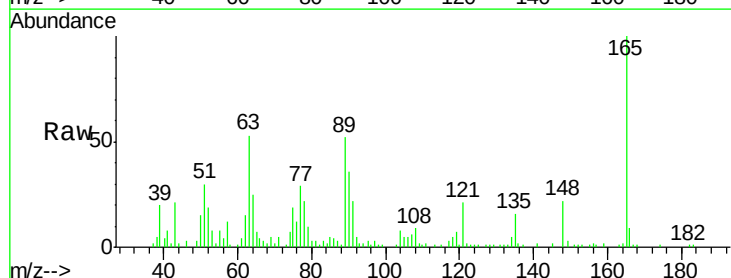
Tgt Ion:165 Resp: 40640

Ion Ratio Lower Upper

165 100

63 52.8 51.8 77.6

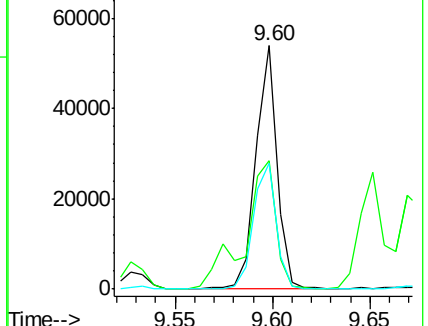
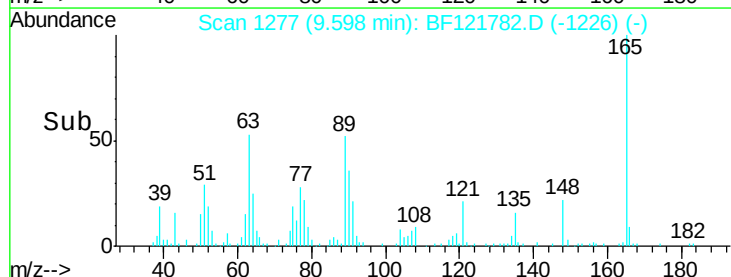
89 51.5 49.0 73.6

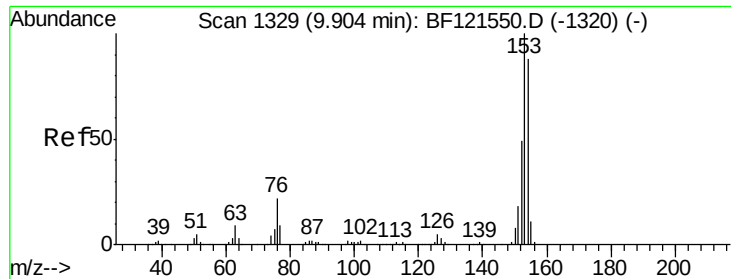


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 12.886 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

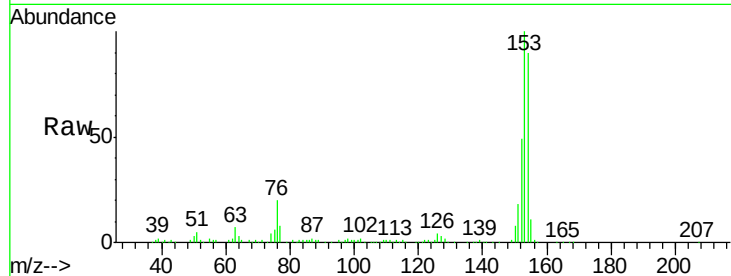
Tot Ion:154 Resp: 170905

Ion Ratio Lower Upper

154 100

153 111.2 89.8 134.8

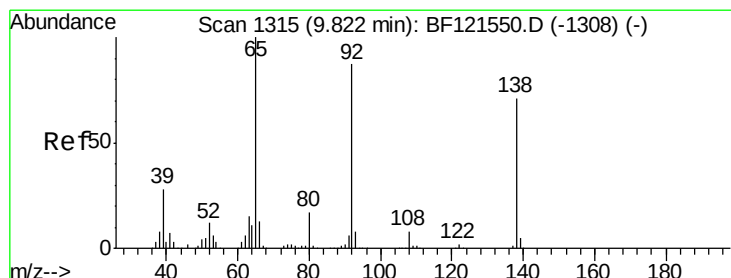
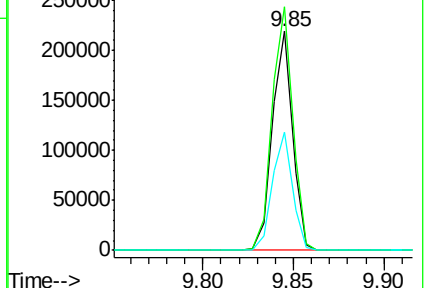
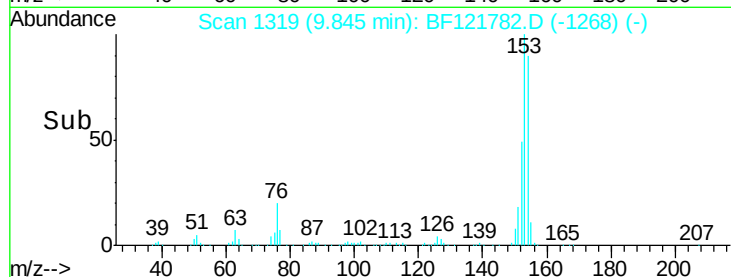
152 54.1 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 13.849 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

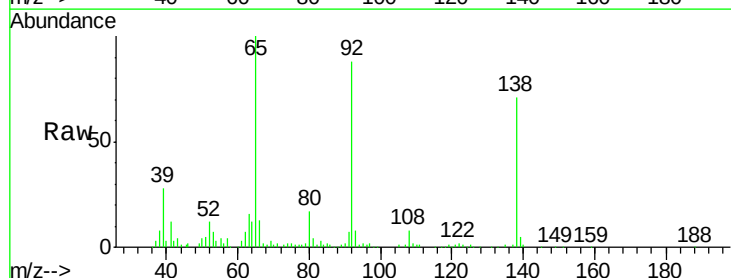
Tgt Ion:138 Resp: 53646

Ion Ratio Lower Upper

138 100

108 11.6 8.6 13.0

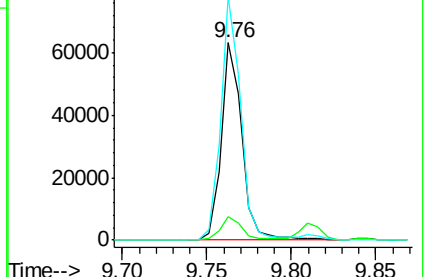
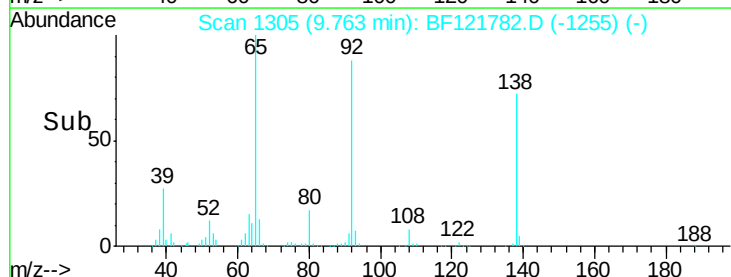
92 123.3 96.6 144.8

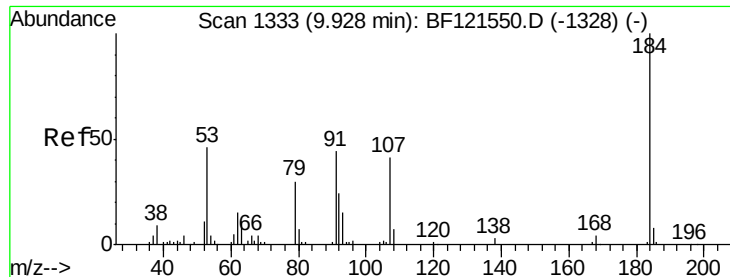


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

2,4-Dinitrophenol

Concen: 9.436 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

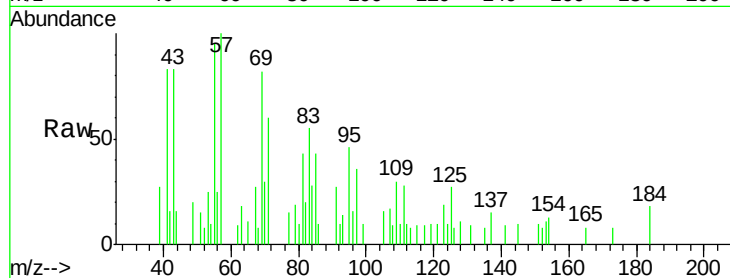
Tot Ion:184 Resp: 844

Ion Ratio Lower Upper

184 100

63 99.5 45.9 68.9#

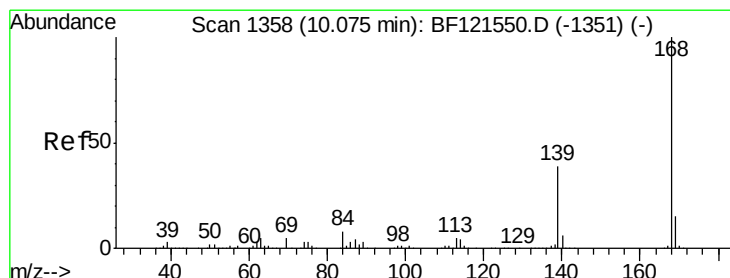
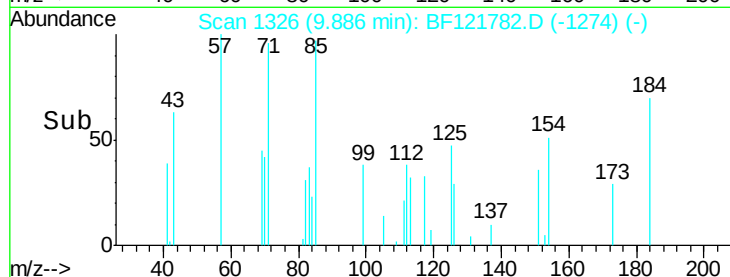
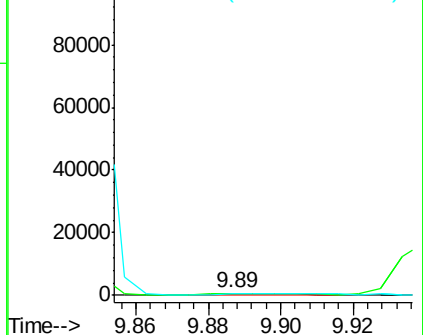
154 72.8 45.8 68.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 13.487 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

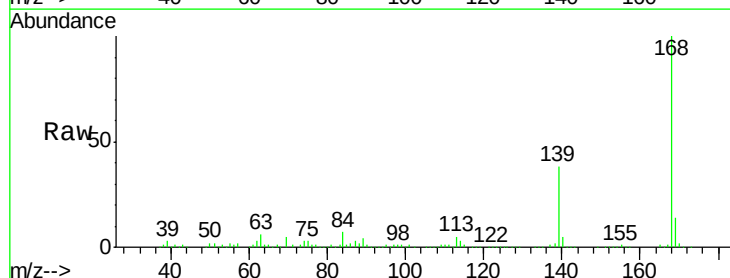
Tgt Ion:168 Resp: 251911

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

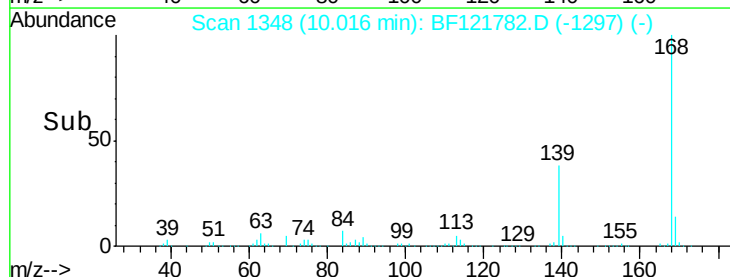
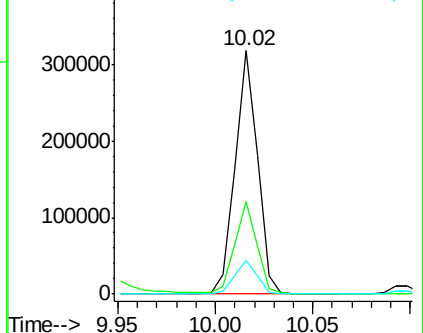
169 13.8 11.3 16.9

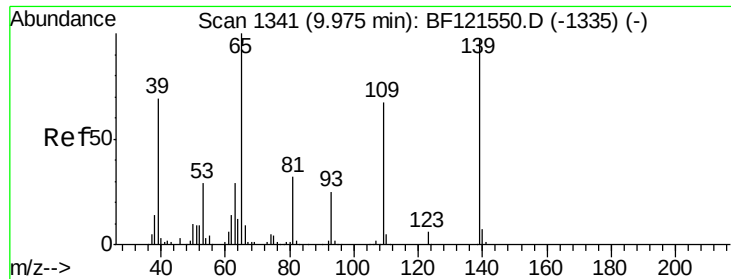


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

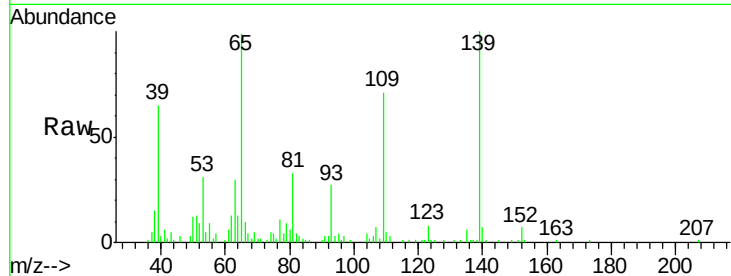




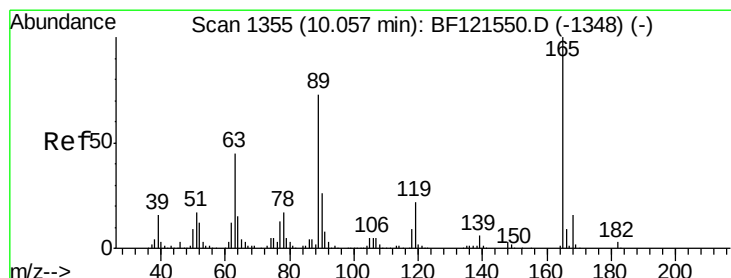
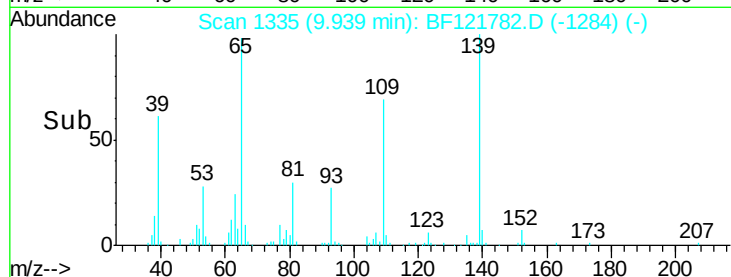
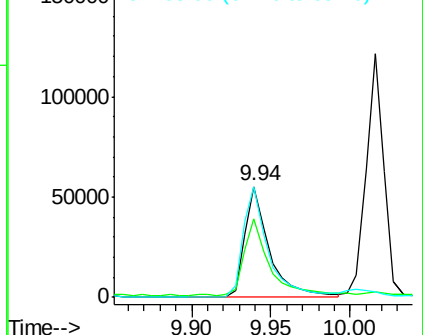
#56
4-Nitrophenol
Concen: 19.453 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:139 Resp: 60096
Ion Ratio Lower Upper
139 100
109 70.9 45.4 85.4
65 99.2 68.4 108.4

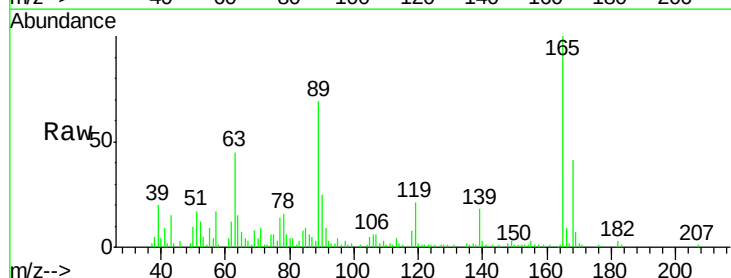


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

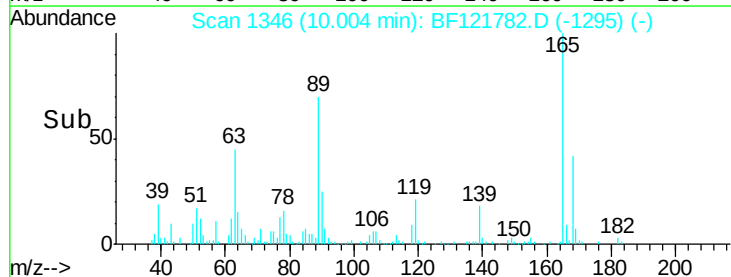
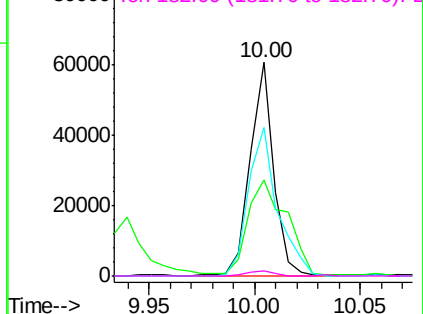


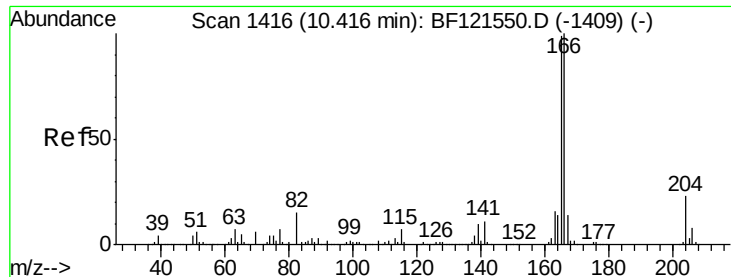
#57
2,4-Dinitrotoluene
Concen: 11.307 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:165 Resp: 47565
Ion Ratio Lower Upper
165 100
63 44.8 41.3 61.9
89 69.3 61.8 92.8
182 2.7 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 13.848 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

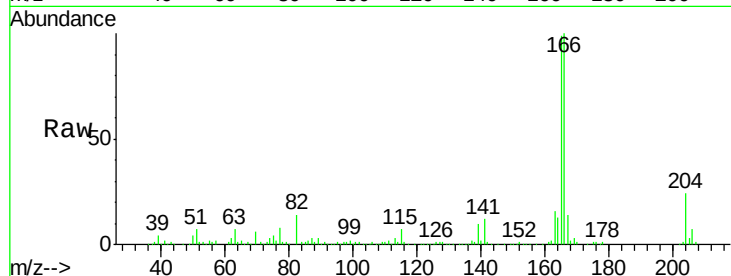
Tot Ion:166 Resp: 197795

Ion Ratio Lower Upper

166 100

165 98.6 79.1 118.7

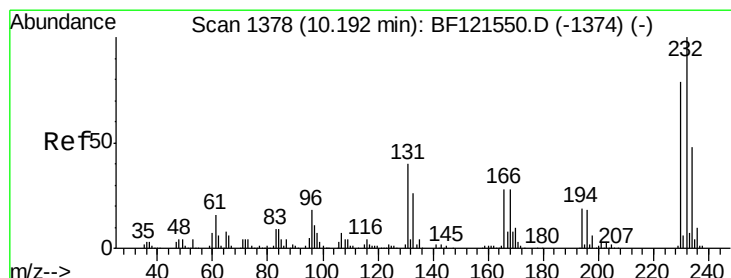
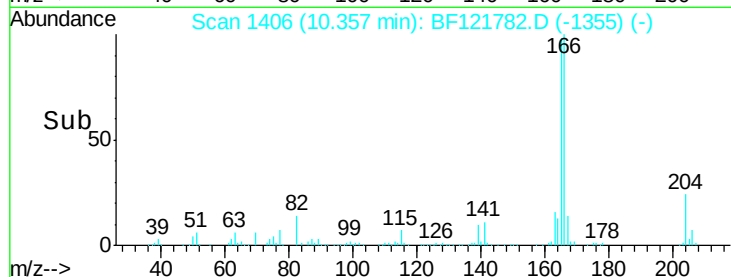
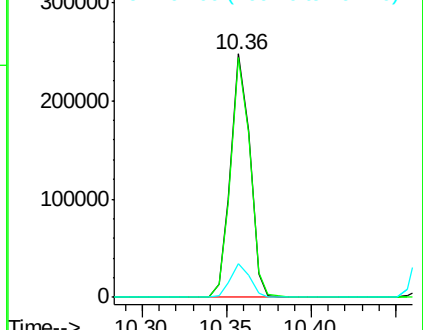
167 13.8 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 12.101 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Tgt Ion:232 Resp: 47970

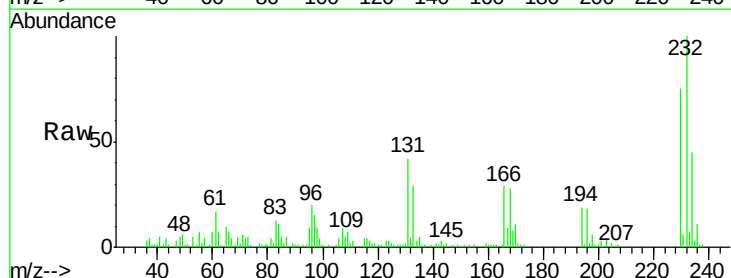
Ion Ratio Lower Upper

232 100

131 42.8 35.9 53.9

130 2.6 1.8 2.6

166 29.2 23.5 35.3

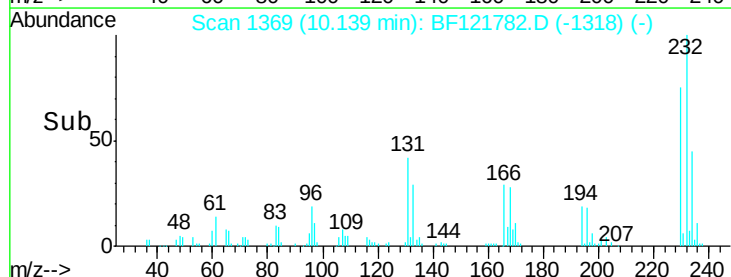
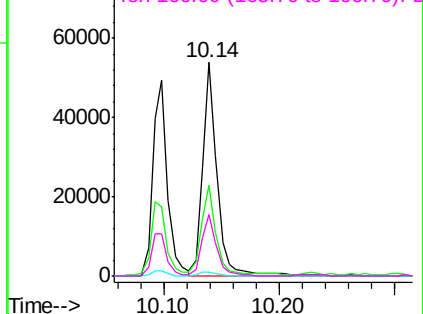


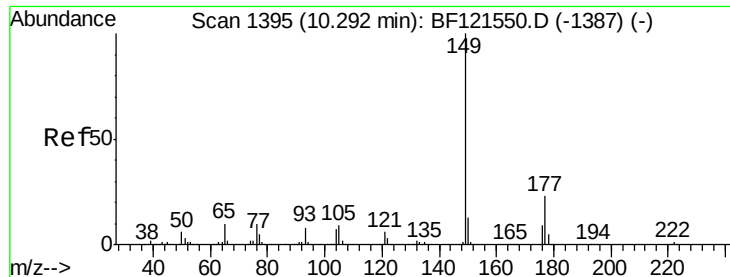
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

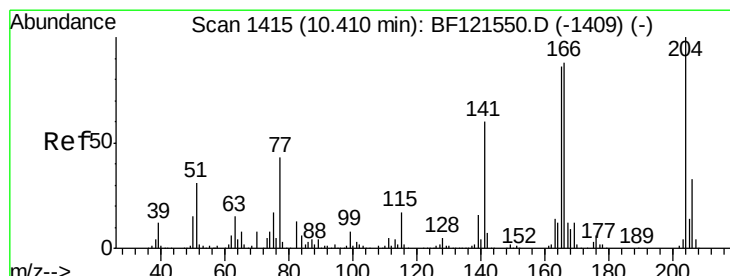
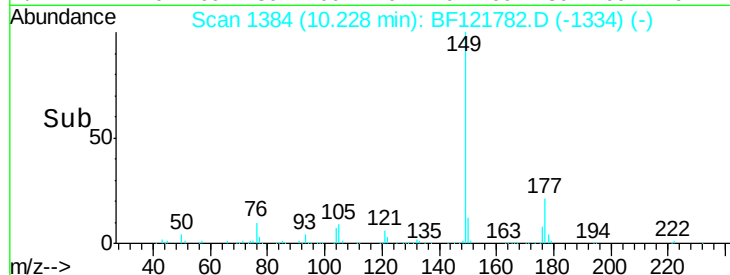
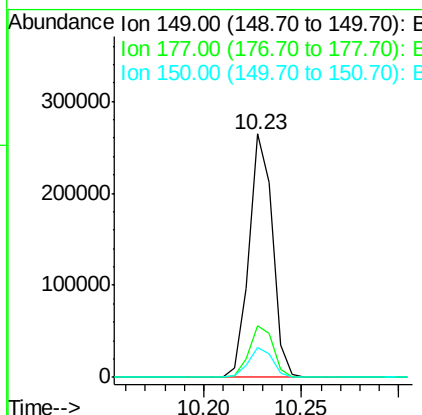
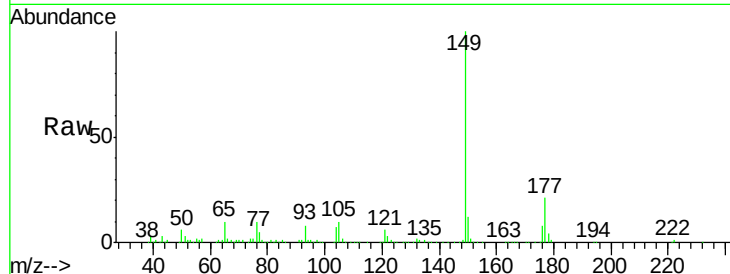




#60
Diethylphthalate
Concen: 14.344 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

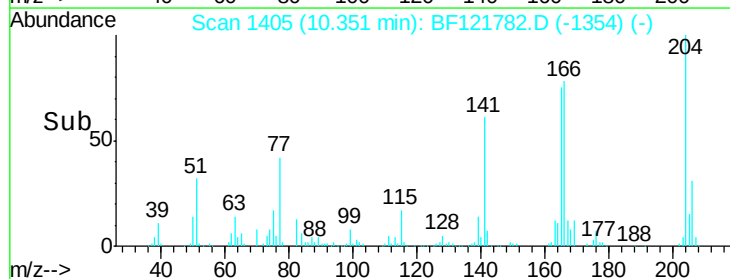
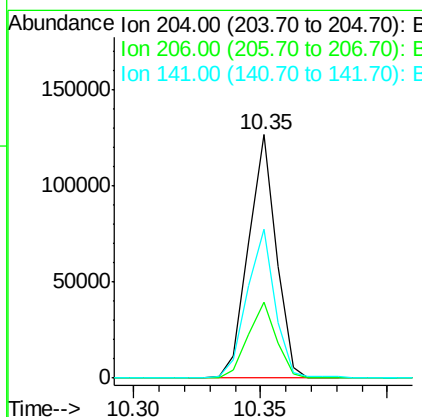
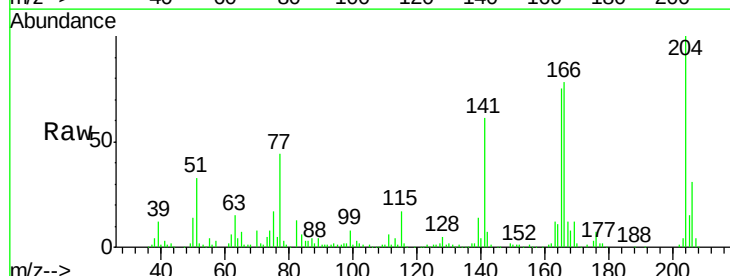
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

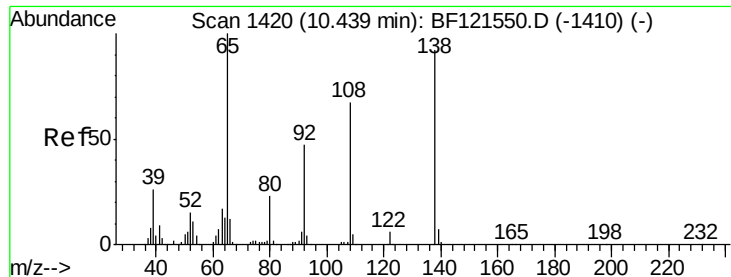
Tot Ion:149 Resp: 219595
Ion Ratio Lower Upper
149 100
177 21.4 18.1 27.1
150 12.5 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 14.148 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:204 Resp: 96806
Ion Ratio Lower Upper
204 100
206 31.2 26.0 39.0
141 61.2 46.2 69.4





#62

4-Nitroaniline

Concen: 13.908 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

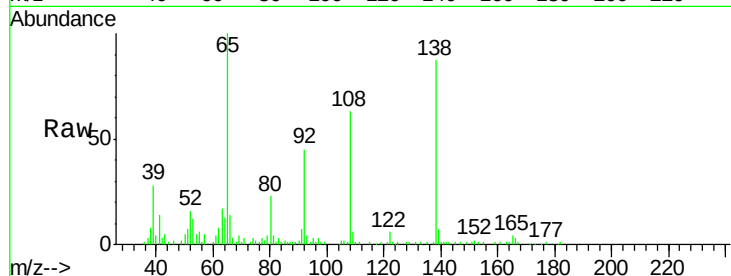
Tot Ion:138 Resp: 53492

Ion Ratio Lower Upper

138 100

92 51.7 31.0 71.0

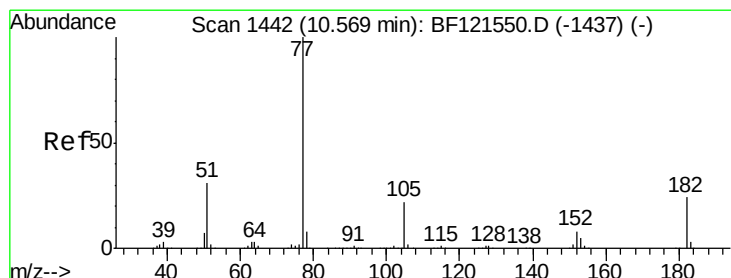
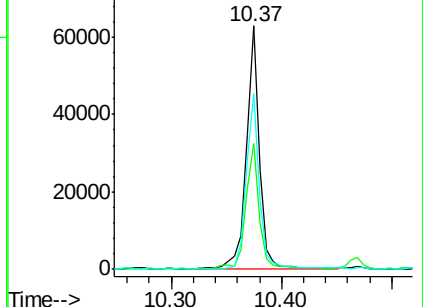
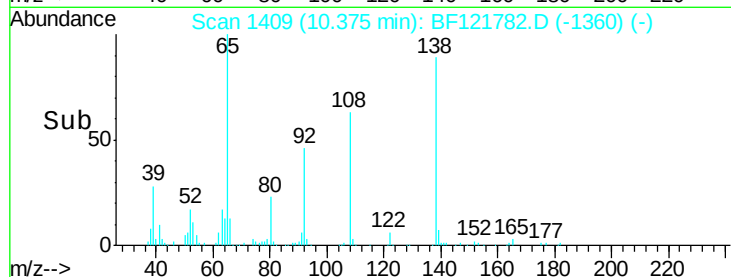
108 72.1 51.5 91.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 12.215 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Tgt Ion: 77 Resp: 199128

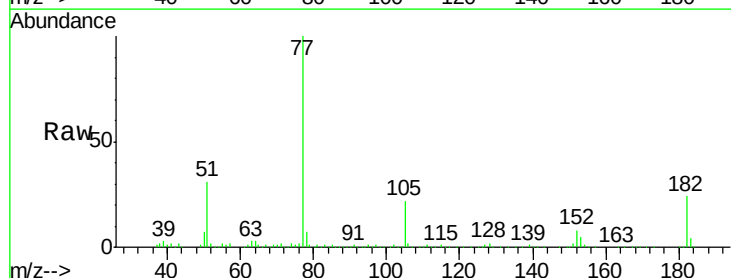
Ion Ratio Lower Upper

77 100

182 24.0 3.4 43.4

105 21.5 1.7 41.7

51 31.2 11.6 51.6

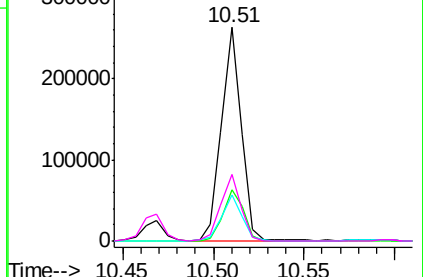
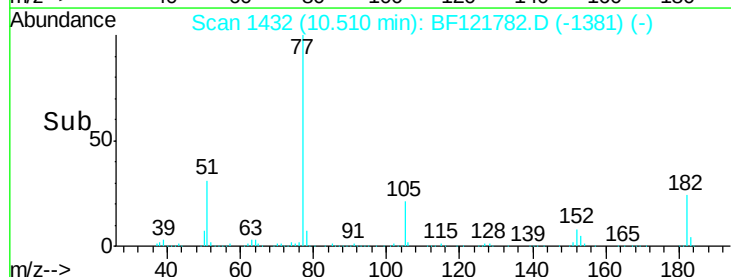


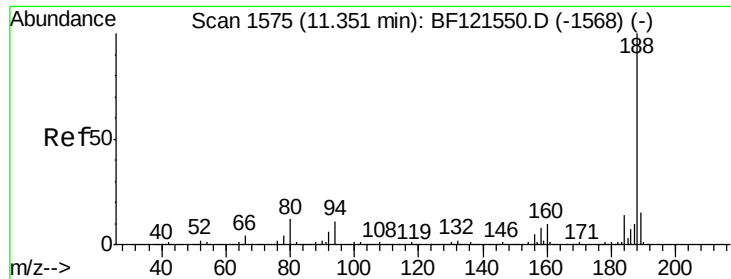
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

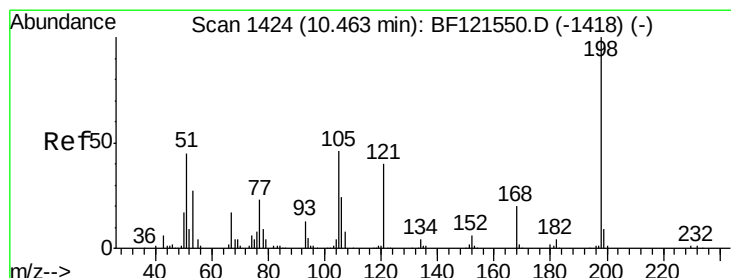
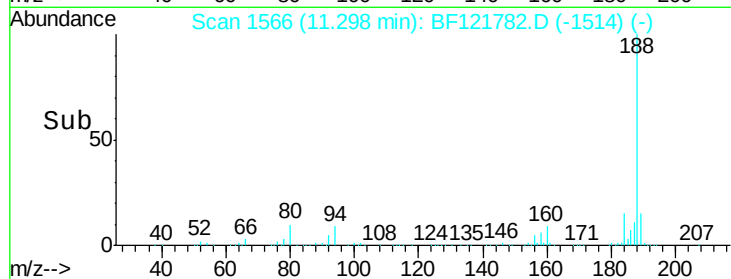
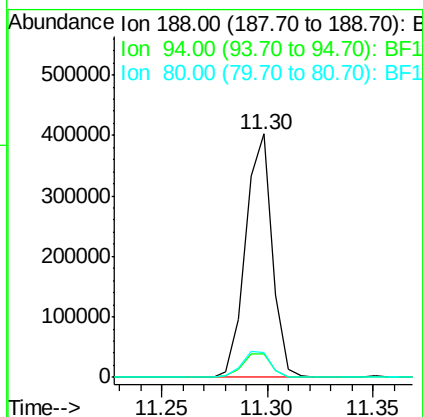
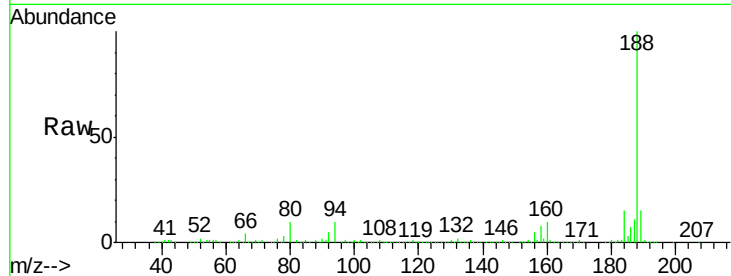




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

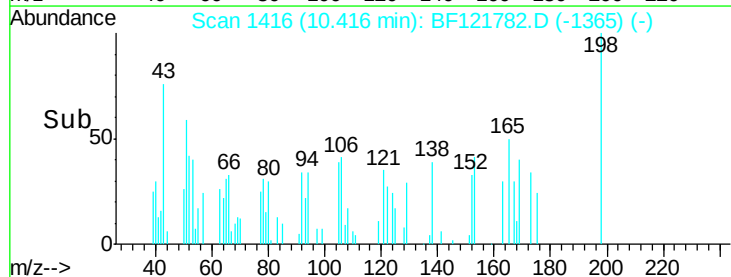
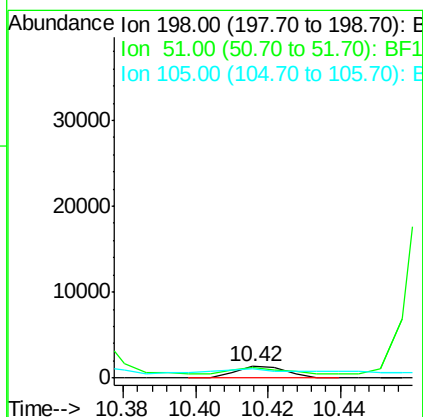
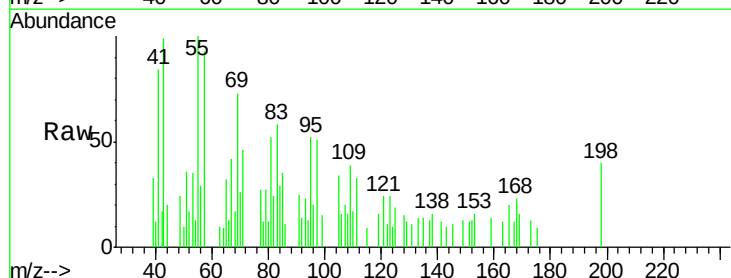
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

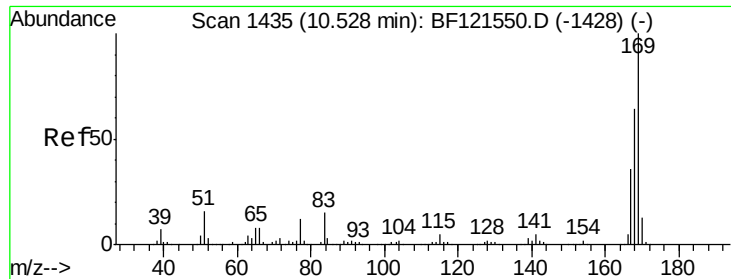
Tot Ion:188 Resp: 351461
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.3 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 7.375 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:198 Resp: 1316
Ion Ratio Lower Upper
198 100
51 90.6 29.6 69.6#
105 83.9 24.4 64.4#

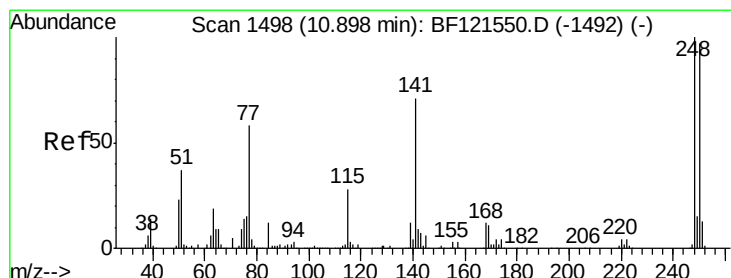
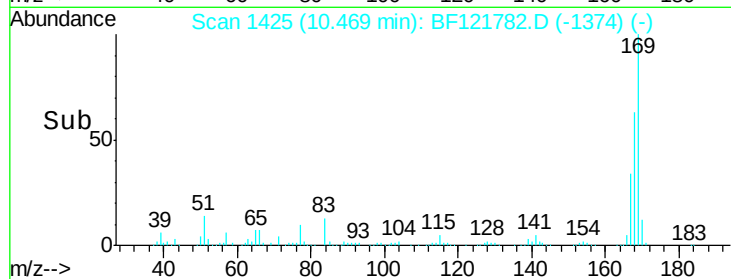
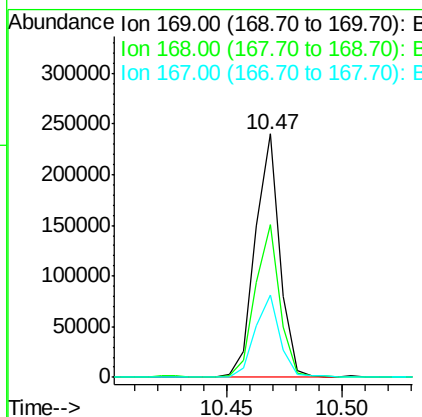
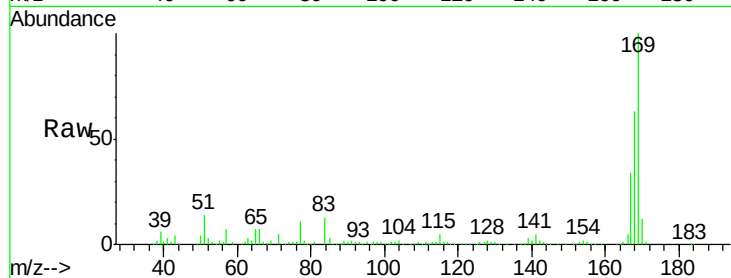




#66
 n-Nitrosodiphenylamine
 Concen: 14.942 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

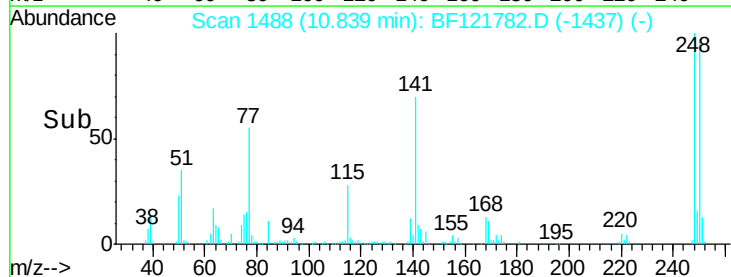
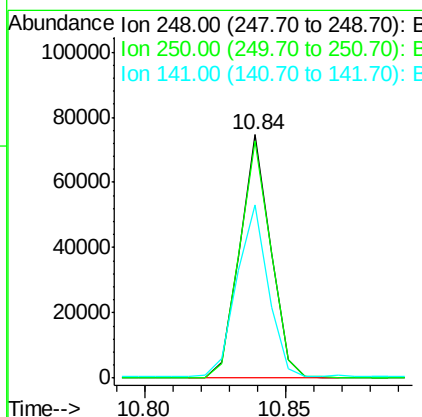
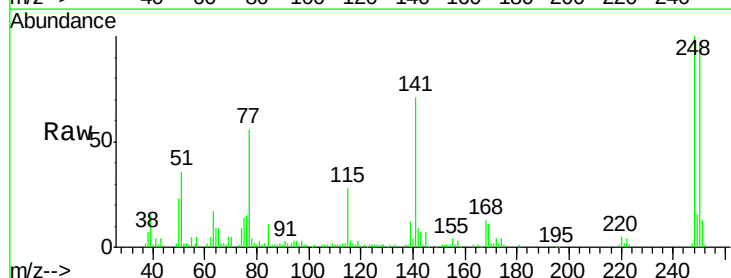
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

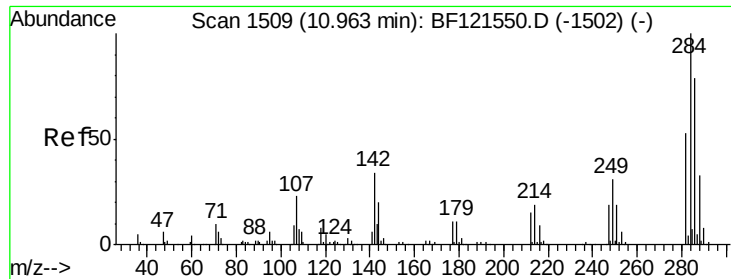
Tot Ion:169 Resp: 180169
 Ion Ratio Lower Upper
 169 100
 168 63.0 50.0 75.0
 167 33.9 27.8 41.6



#67
 4-Bromophenyl-phenylether
 Concen: 14.197 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:248 Resp: 56809
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.0 115.6
 141 71.0 53.7 80.5

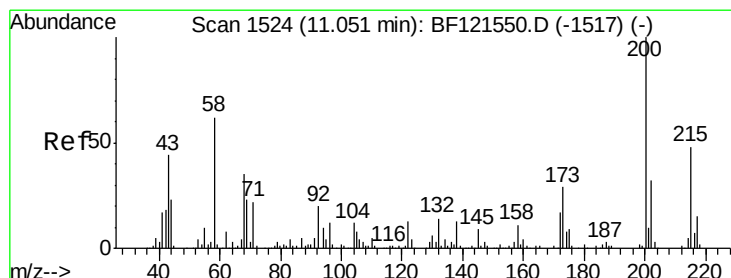
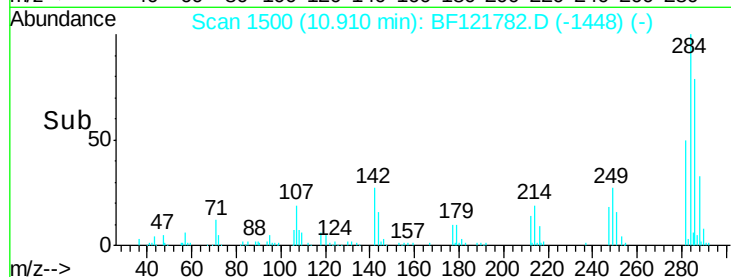
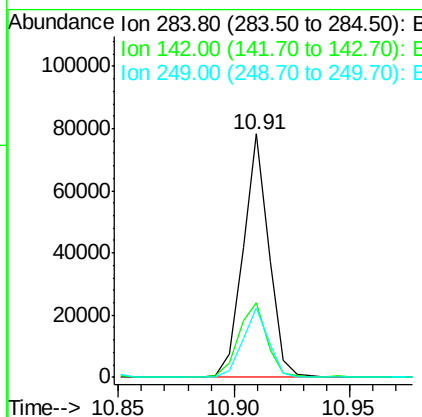
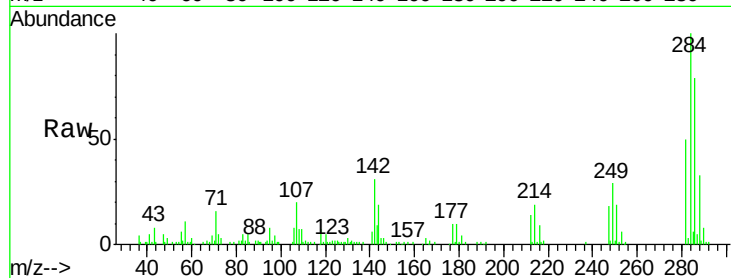




#68
Hexachlorobenzene
Concen: 13.465 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

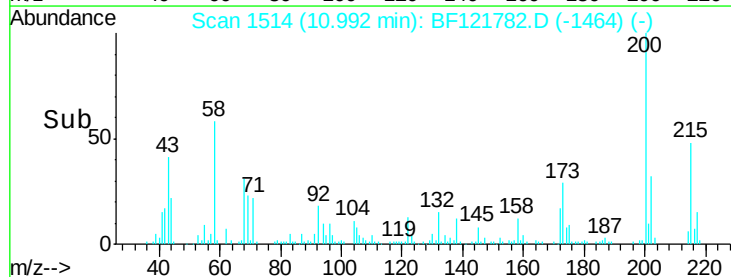
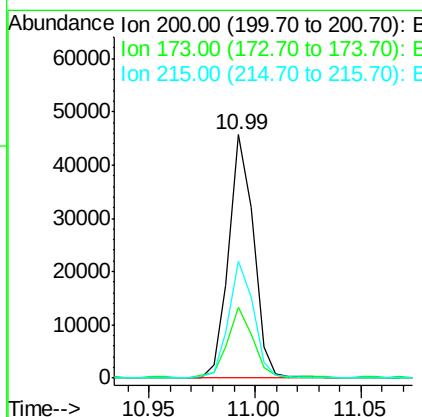
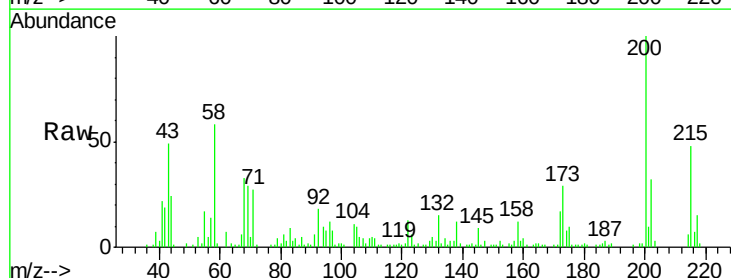
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

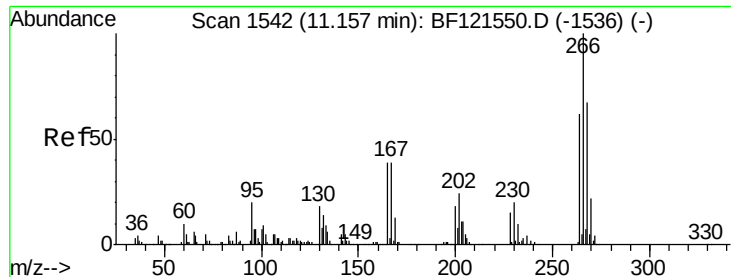
Tot Ion:284 Resp: 60806
Ion Ratio Lower Upper
284 100
142 30.8 27.4 41.2
249 28.7 24.2 36.4



#69
Atrazine
Concen: 12.415 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:200 Resp: 37191
Ion Ratio Lower Upper
200 100
173 29.0 7.5 47.5
215 48.3 27.1 67.1

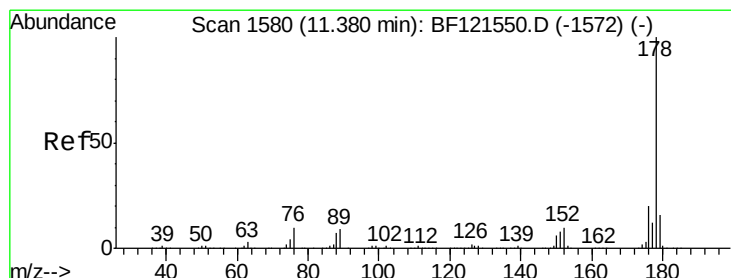
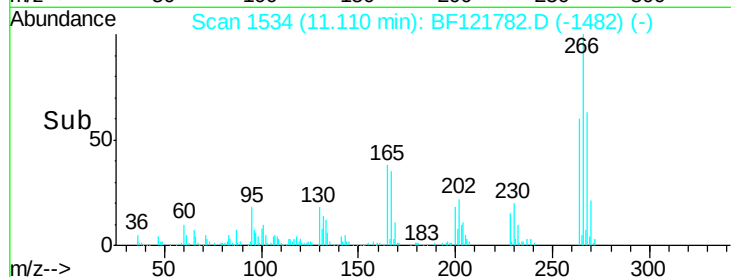
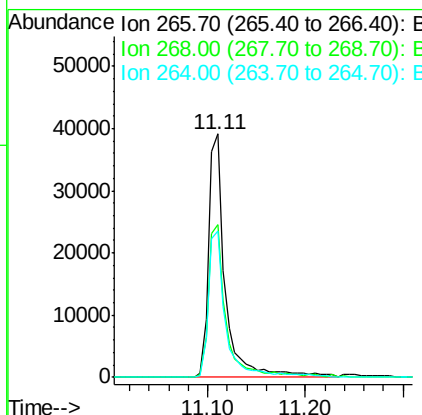
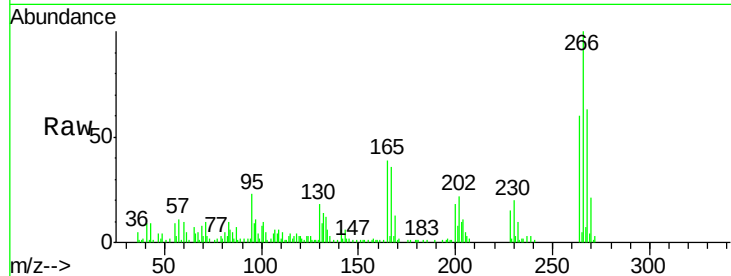




#70
 Pentachlorophenol
 Concen: 18.759 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

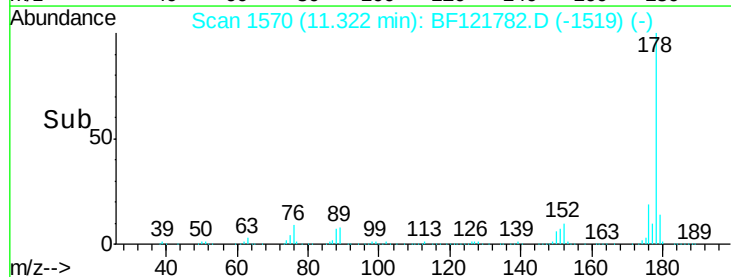
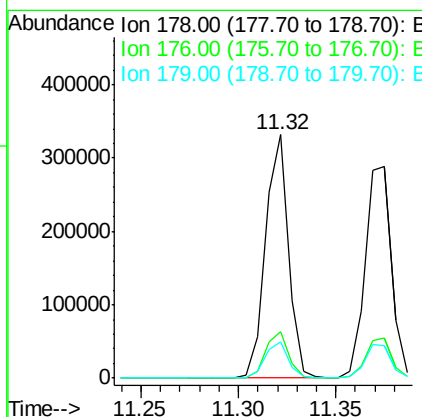
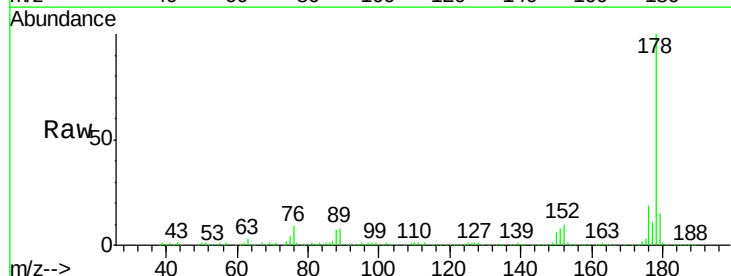
Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

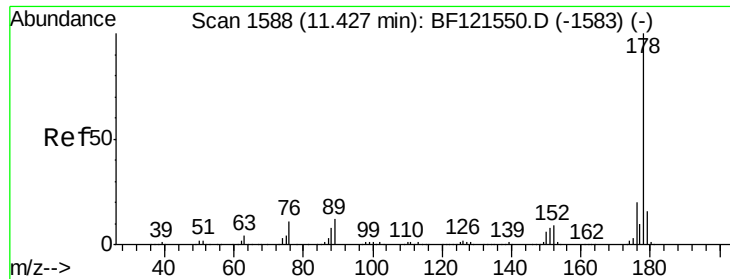
Tot Ion:266 Resp: 46524
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.4 78.6
 264 59.9 49.9 74.9



#71
 Phenanthrene
 Concen: 14.088 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:178 Resp: 269774
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.9 23.9
 179 14.7 12.2 18.4

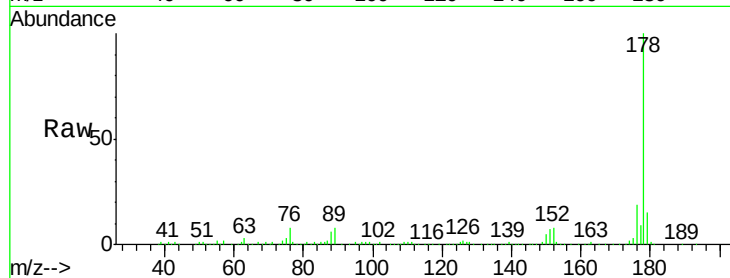




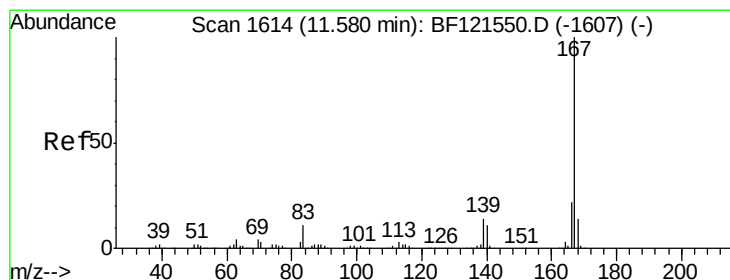
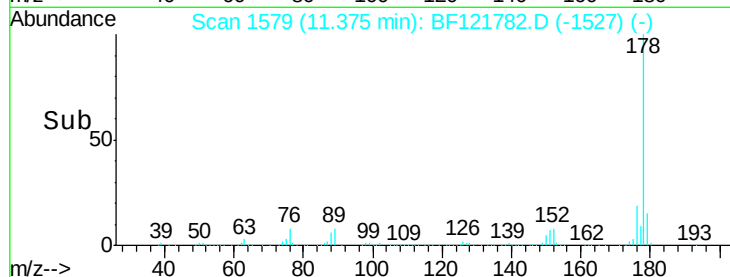
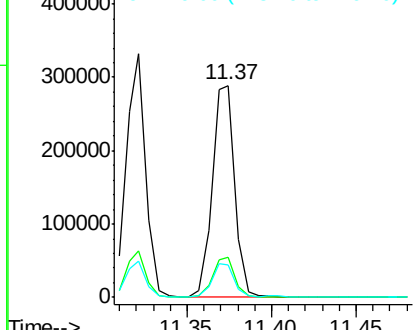
#72
 Anthracene
 Concen: 13.637 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:178 Resp: 269484
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.7 23.5
 179 15.1 12.7 19.1

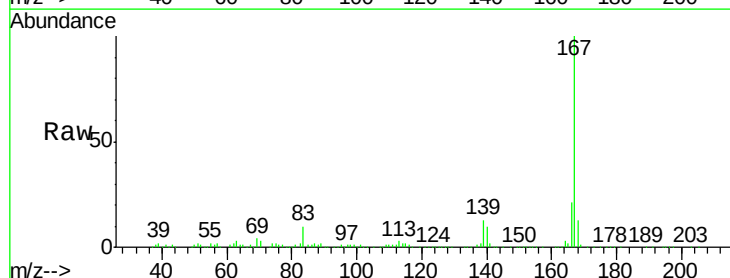


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

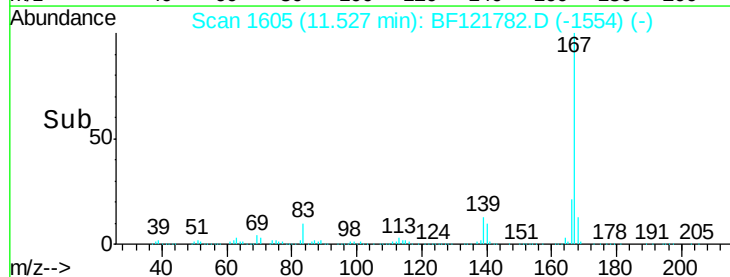
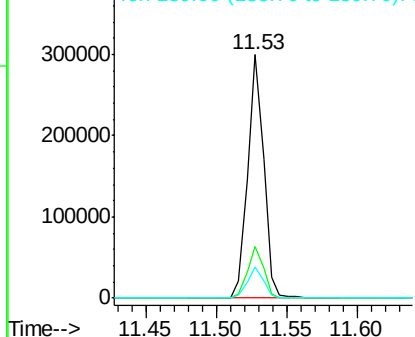


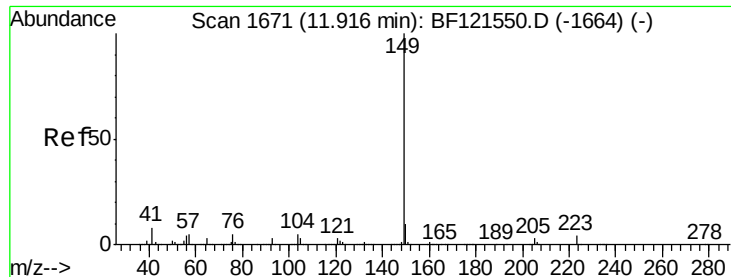
#73
 Carbazole
 Concen: 13.369 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:167 Resp: 238401
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.8 26.6
 139 12.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

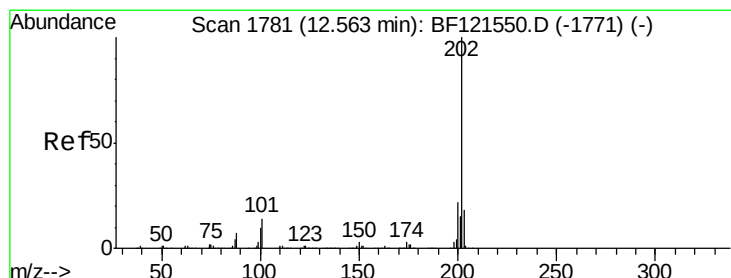
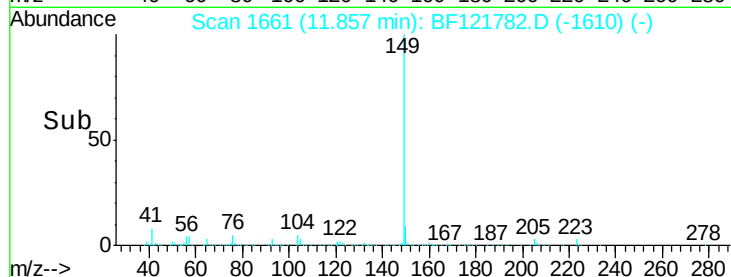
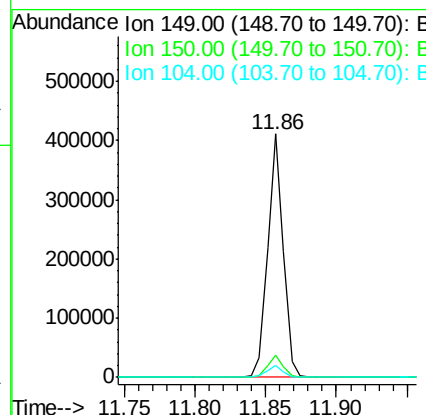
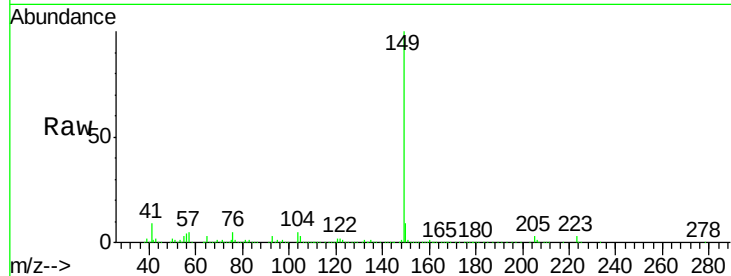




#74
Di-n-butylphthalate
Concen: 15.568 ng
RT: 11.86 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

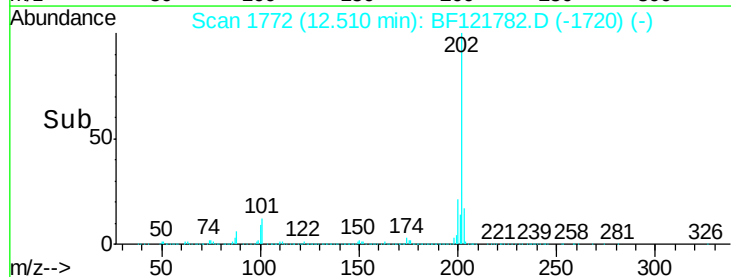
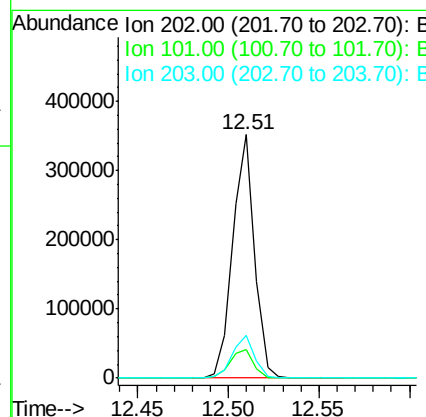
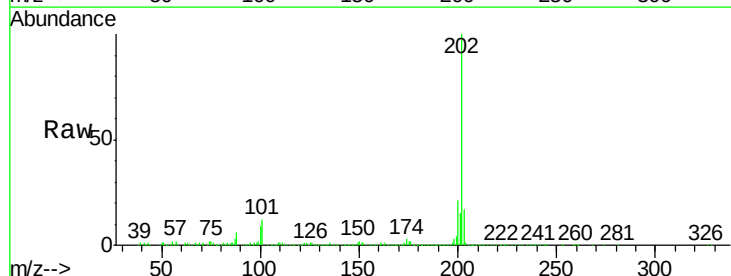
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

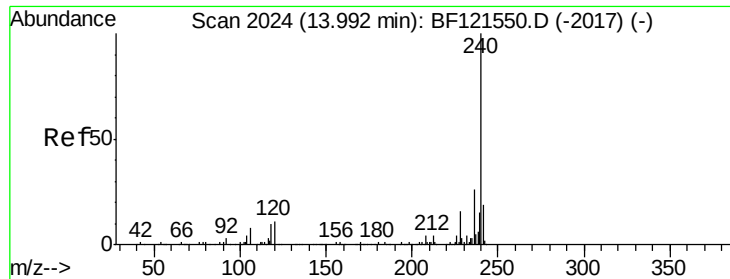
Tot Ion:149 Resp: 320409
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.8 4.2 6.2



#75
Fluoranthene
Concen: 14.242 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:202 Resp: 291133
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 17.3 0.0 37.9

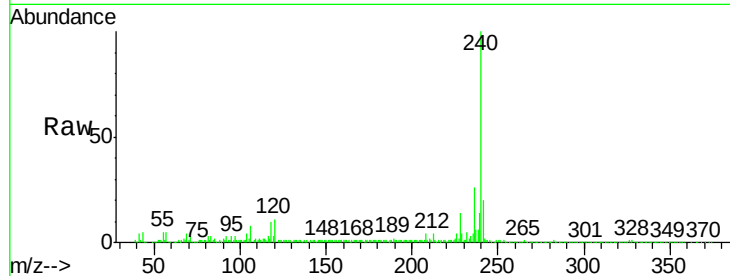




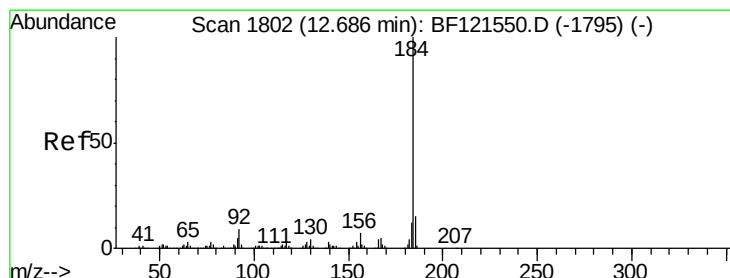
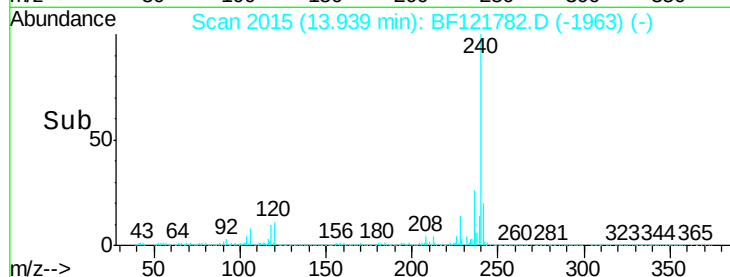
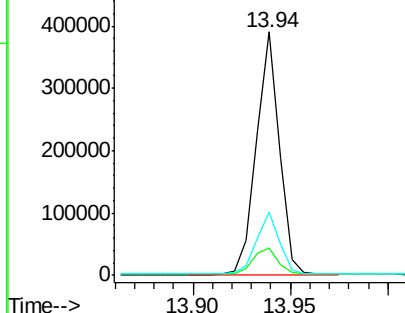
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion:240 Resp: 317141
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.0 20.9 31.3

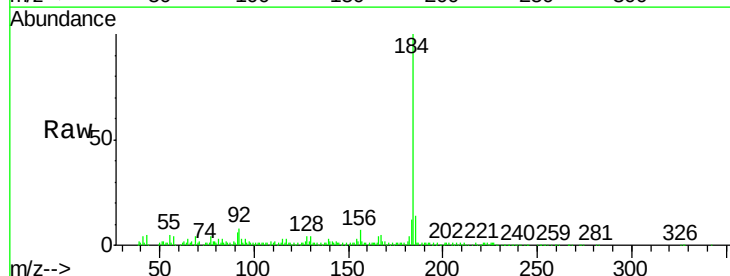


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

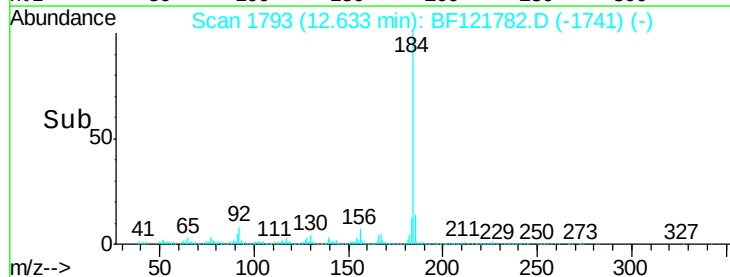
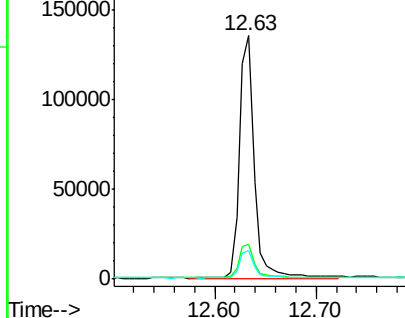


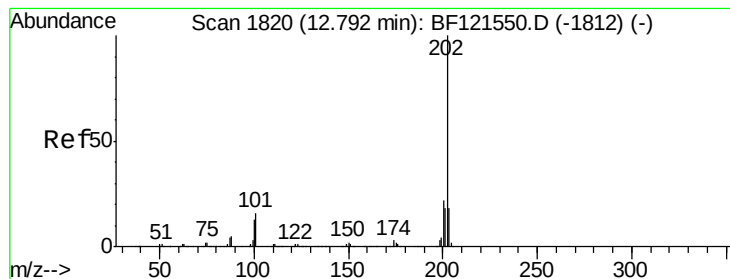
#77
Benzidine
Concen: 13.097 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:184 Resp: 137696
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.9 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 12.965 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

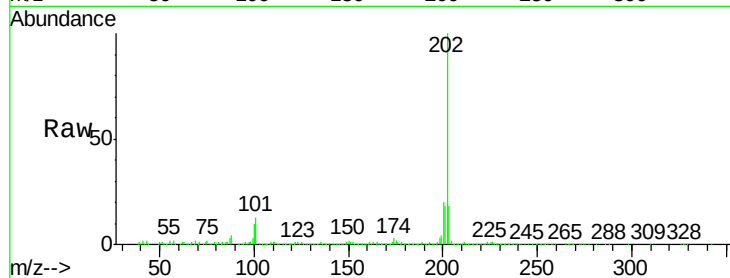
Tot Ion:202 Resp: 300420

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

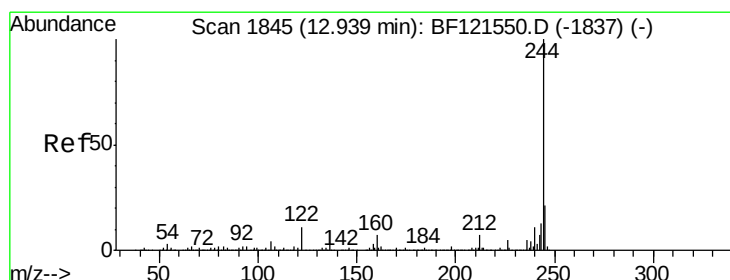
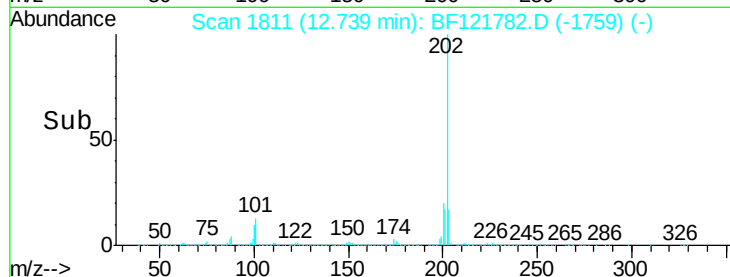
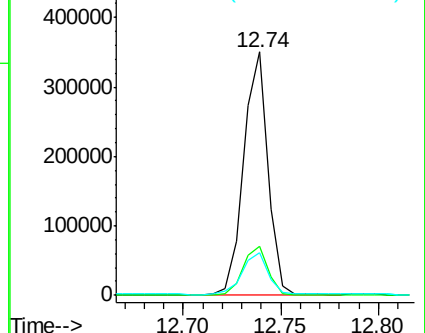
203 17.7 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 25.190 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

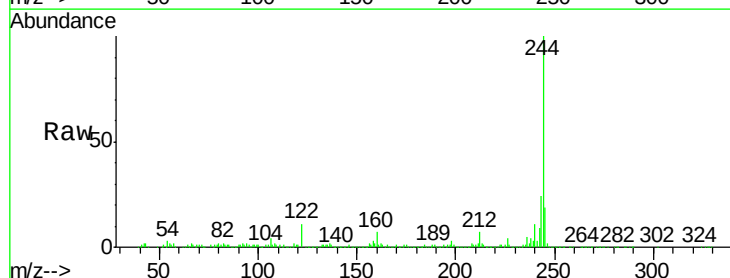
Tgt Ion:244 Resp: 394325

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

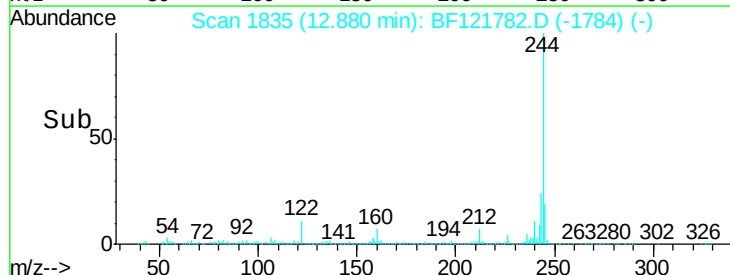
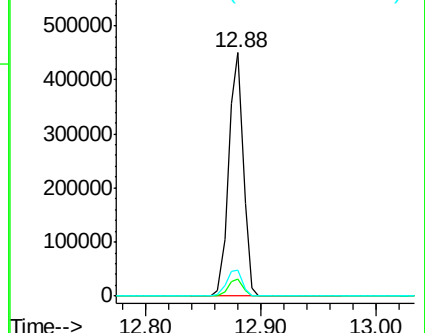
122 10.7 8.1 12.1

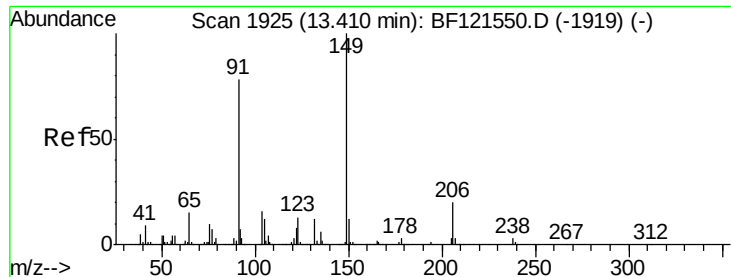


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

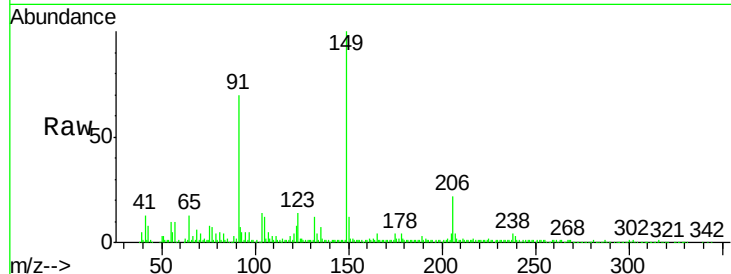




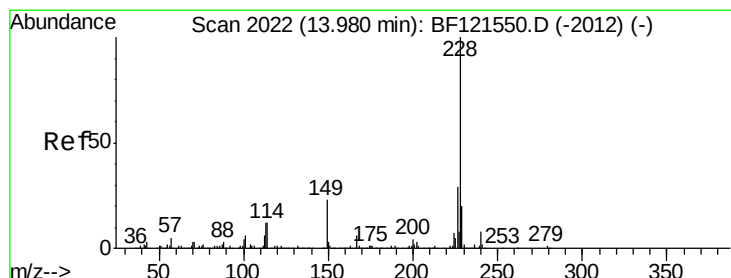
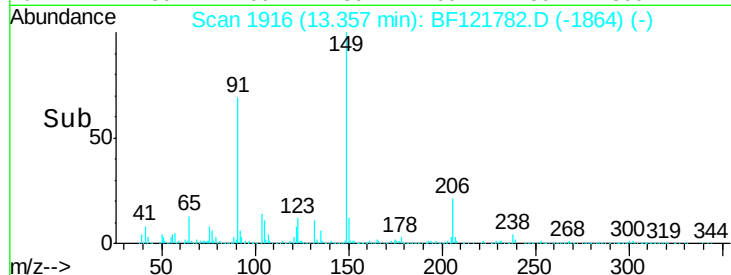
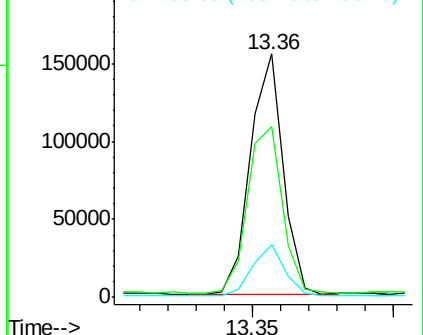
#80
Butylbenzylphthalate
Concen: 13.185 ng
RT: 13.36 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.1	61.0	91.4
206	21.5	16.7	25.1

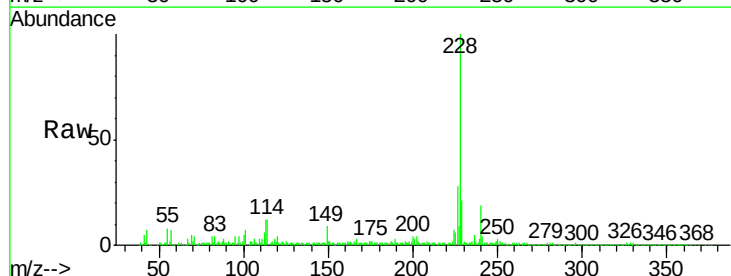


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

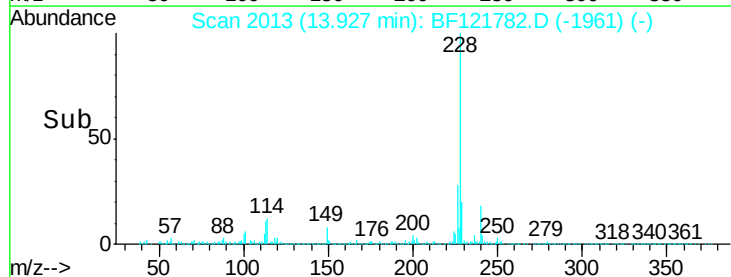
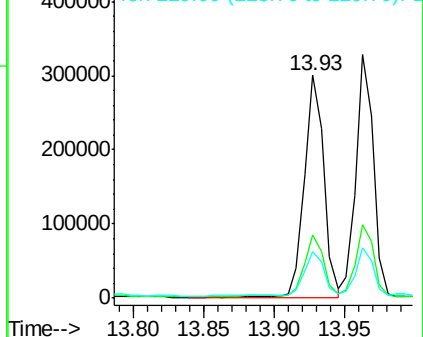


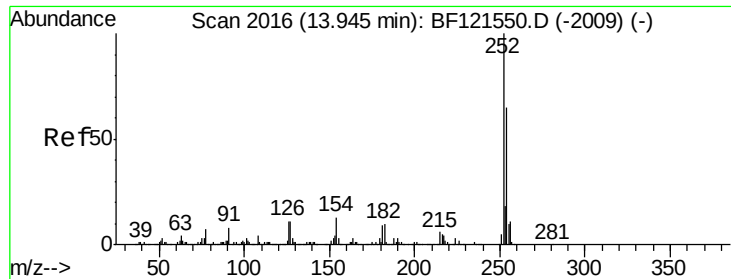
#81
Benzo(a)anthracene
Concen: 14.188 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	21.0	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

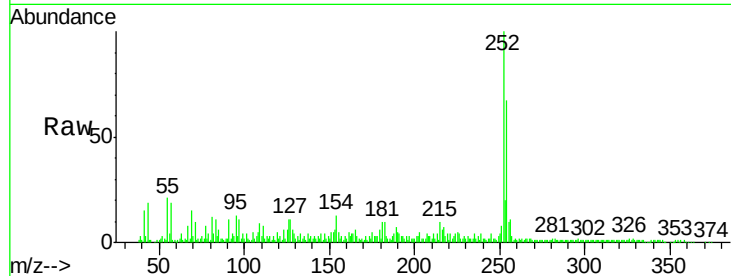




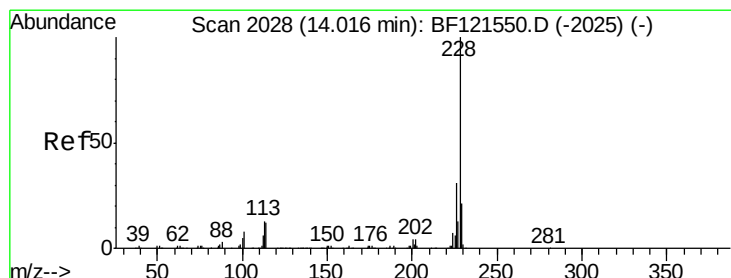
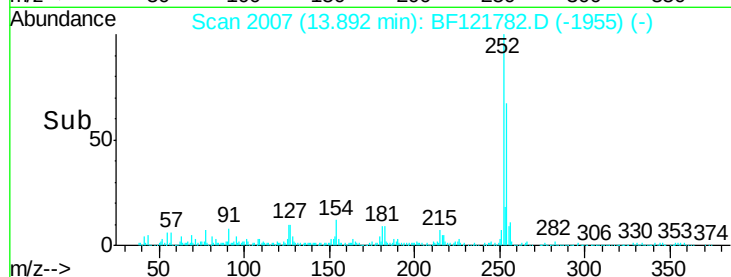
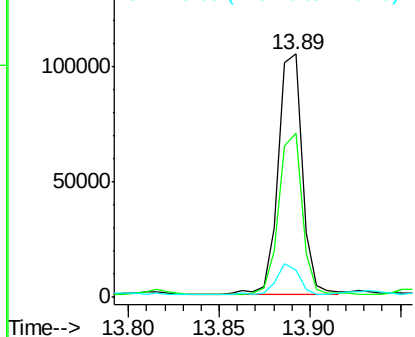
#82
 3,3'-Dichlorobenzidine
 Concen: 12.489 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Instrument :
 BNA_F
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:252 Resp: 97823
 Ion Ratio Lower Upper
 252 100
 254 67.3 51.8 77.6
 126 11.2 8.8 13.2

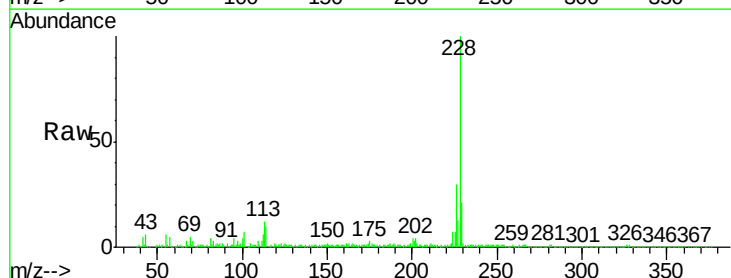


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

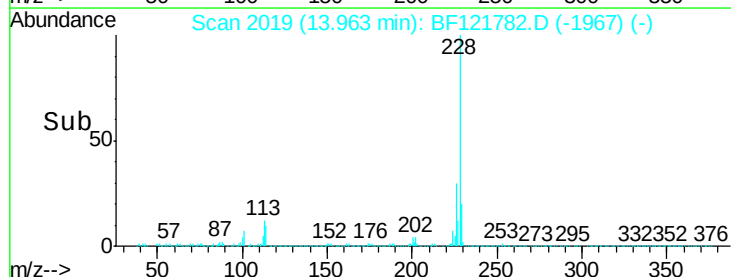
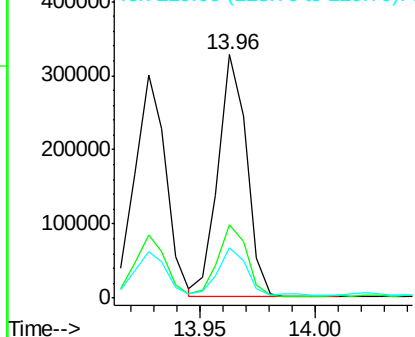


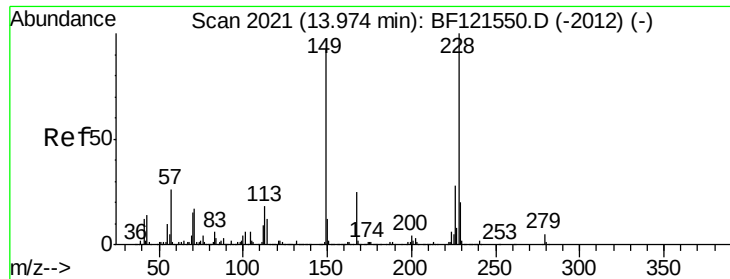
#83
 Chrysene
 Concen: 13.778 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF121782.D
 Acq: 1 Oct 2020 22:51

Tgt Ion:228 Resp: 279932
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.6 37.0
 229 20.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 14.644 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

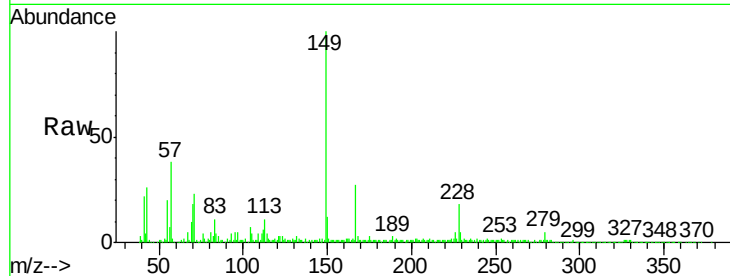
Tot Ion:149 Resp: 183333

Ion Ratio Lower Upper

149 100

167 26.6 20.9 31.3

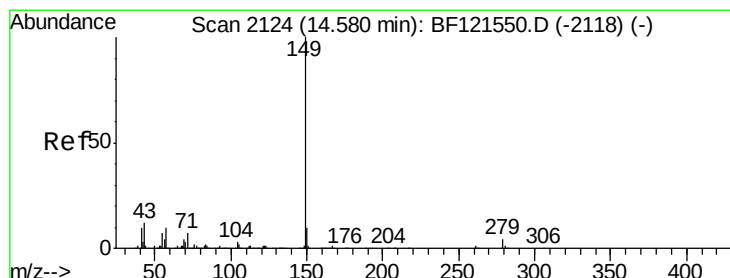
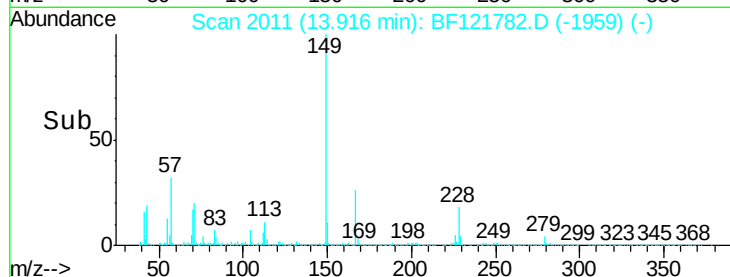
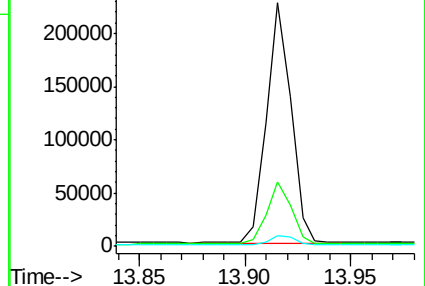
279 4.5 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 14.215 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

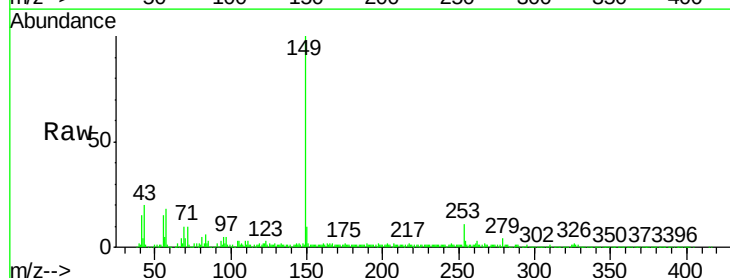
Tgt Ion:149 Resp: 314066

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

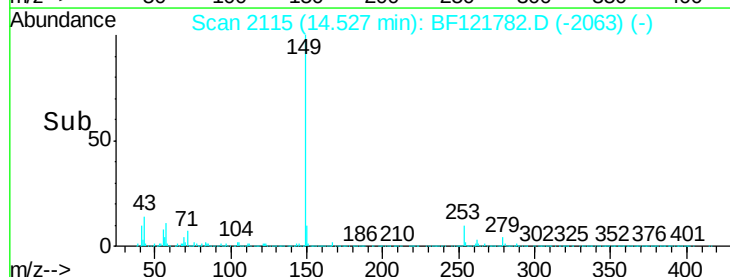
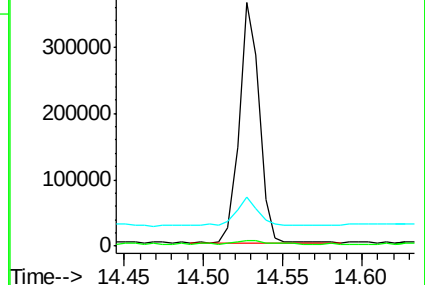
43 16.5 9.0 13.6#

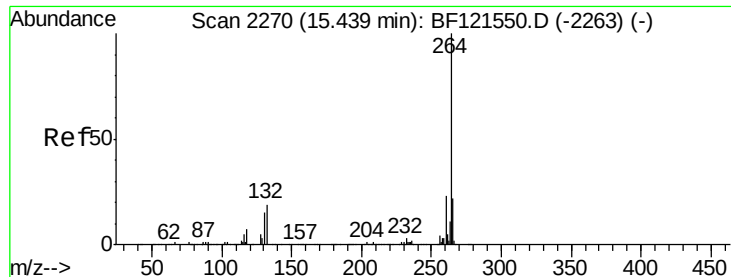


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

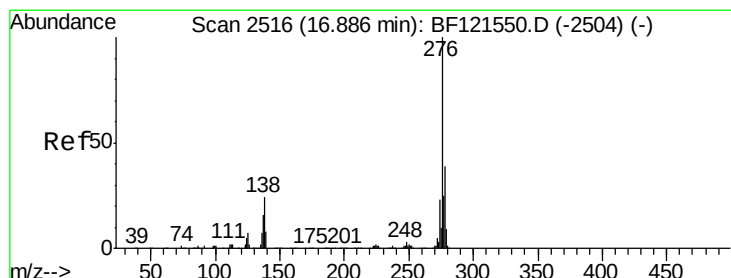
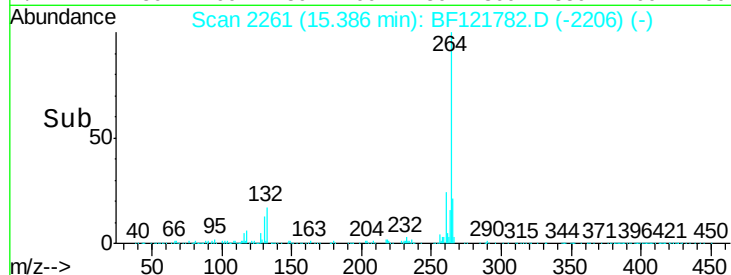
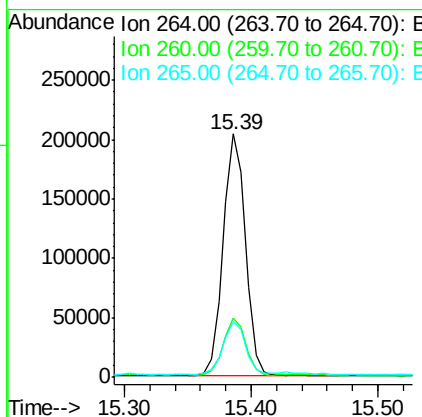
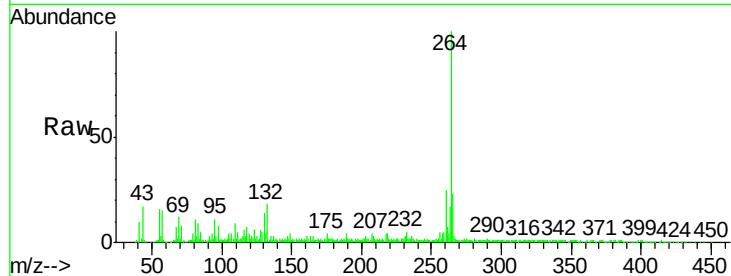




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

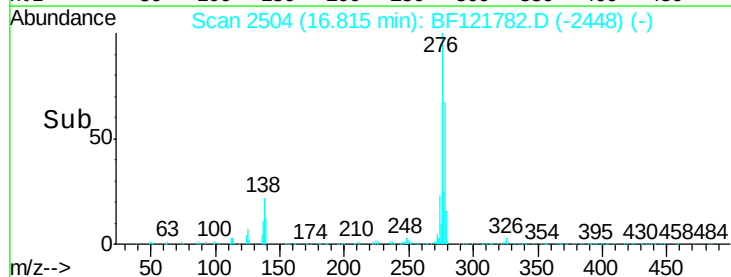
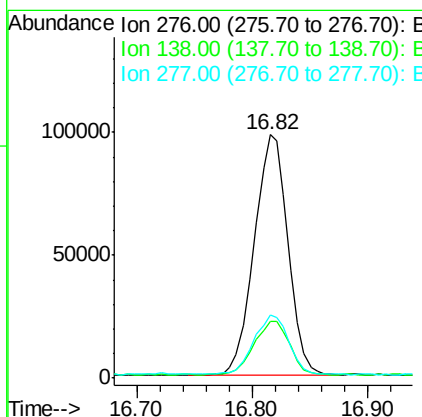
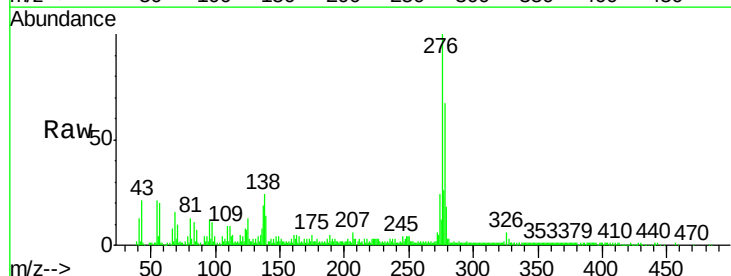
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

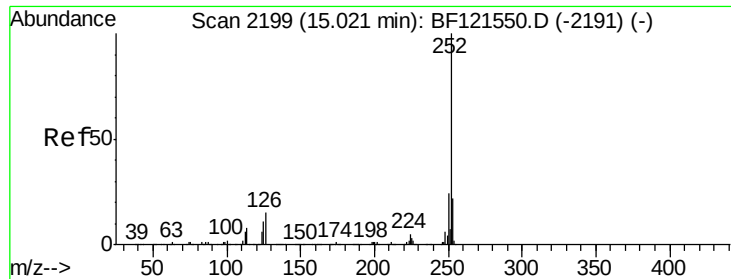
Tot Ion:264 Resp: 246199
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.7 17.3 25.9



#87
Indeno(1,2,3-cd)pyrene
Concen: 12.446 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.03 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:276 Resp: 199552
Ion Ratio Lower Upper
276 100
138 23.3 19.9 29.9
277 25.7 20.4 30.6

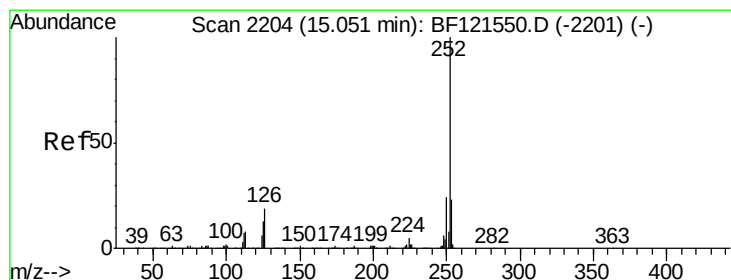
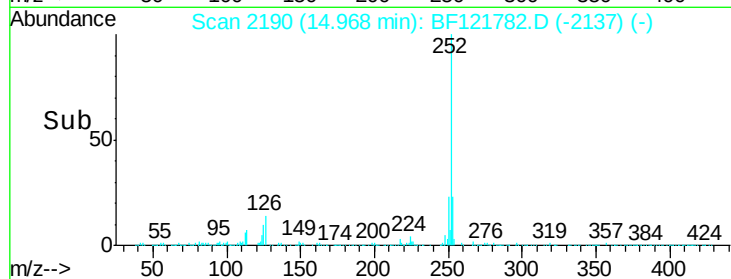
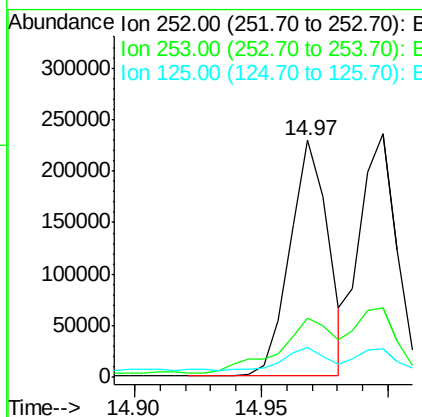
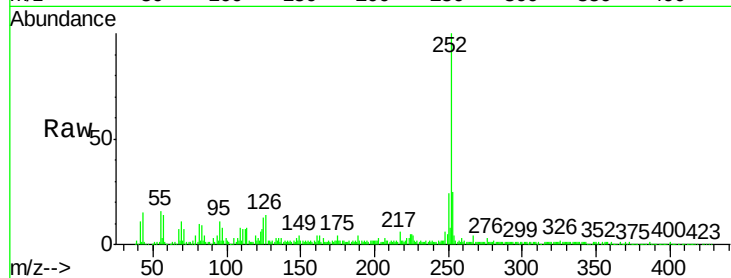




#88
Benzo(b)fluoranthene
Concen: 14.566 ng
RT: 14.97 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

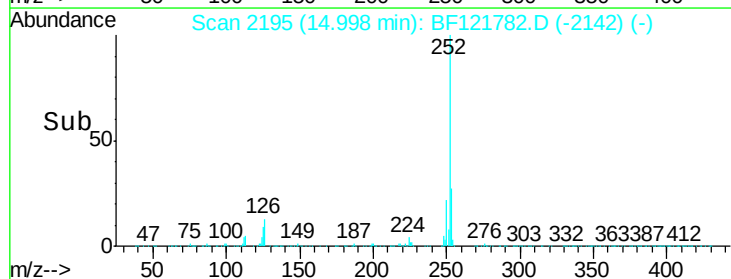
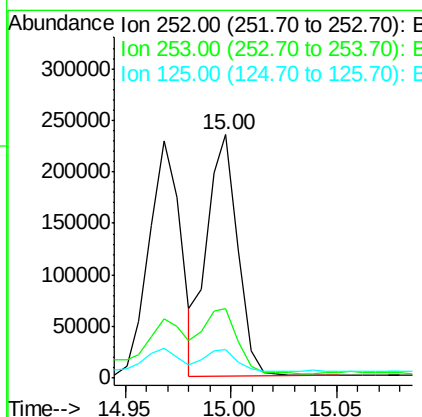
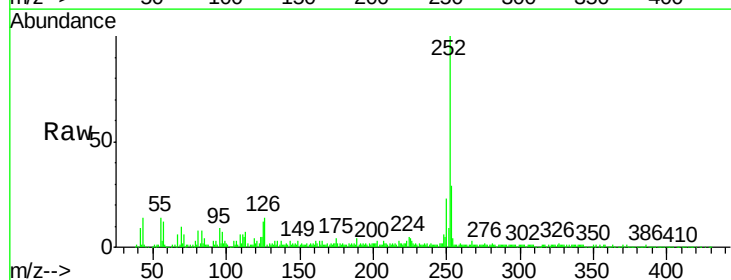
Instrument :
BNA_F
ClientSampleId :
B-11(1-2)MSD

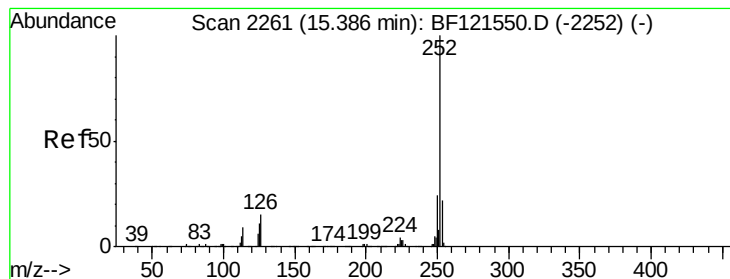
Tot Ion:252 Resp: 239743
Ion Ratio Lower Upper
252 100
253 24.9 18.2 27.2
125 12.8 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 15.630 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121782.D
Acq: 1 Oct 2020 22:51

Tgt Ion:252 Resp: 235573
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.6#
125 11.7 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 14.130 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.02 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

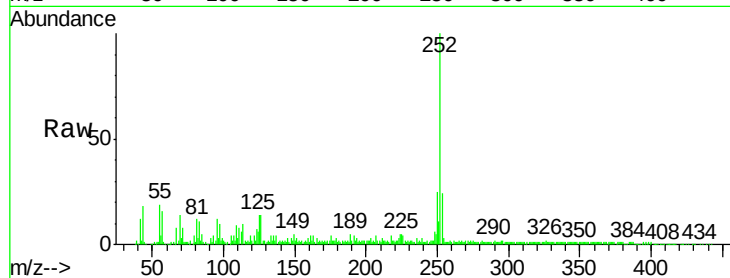
Tot Ion:252 Resp: 197686

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

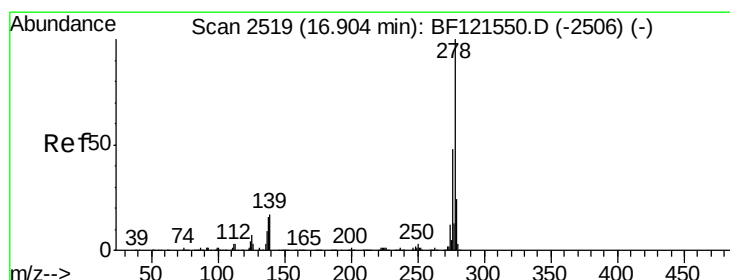
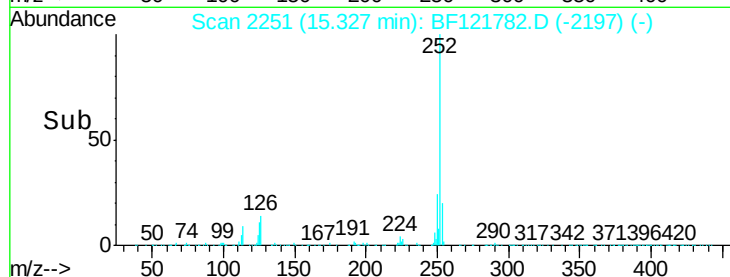
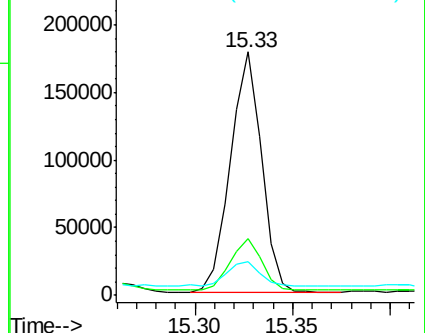
125 14.0 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 12.771 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.03 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

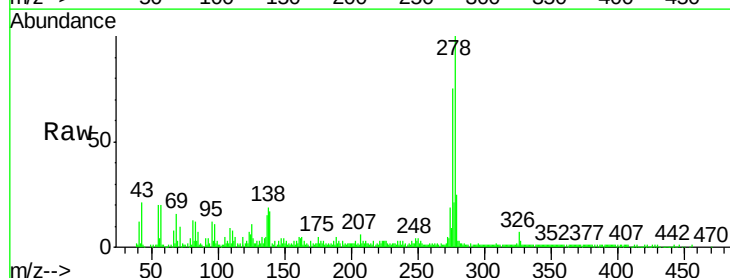
Tgt Ion:278 Resp: 170446

Ion Ratio Lower Upper

278 100

139 17.2 13.0 19.4

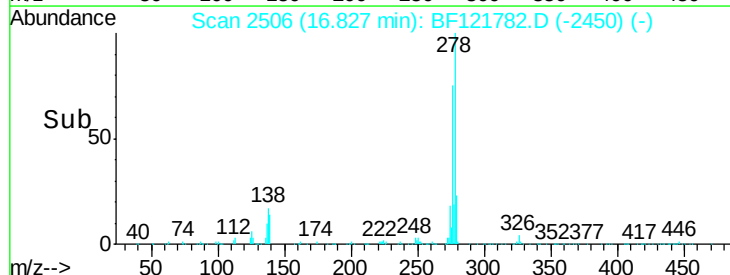
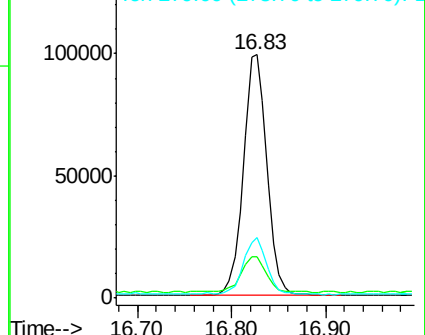
279 24.9 19.0 28.4

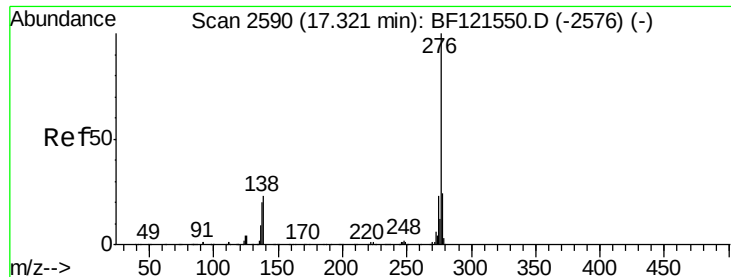


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 12.350 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.04 min

Lab File: BF121782.D

Acq: 1 Oct 2020 22:51

Instrument :

BNA_F

ClientSampleId :

B-11(1-2)MSD

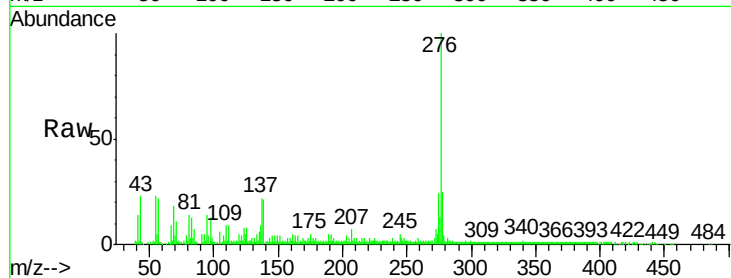
Tot Ion:276 Resp: 162022

Ion Ratio Lower Upper

276 100

277 24.7 19.4 29.2

138 21.4 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

